

1-1-1969

# The Peddler 1969

The Students of Worcester Polytechnic Institute

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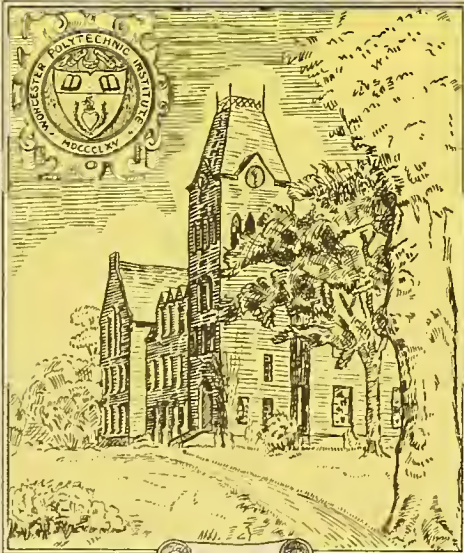


# THE PEDDLER

NINETEEN HUNDRED AND SIXTY NINE







Worcester Polytechnic Institute  
George E. Gordon Library

82251













# WORCESTER POLYTECHNIC INSTITUTE

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# DEDICATION



President Harry P. Storke



Defender of our traditions yet a planner  
for the future.



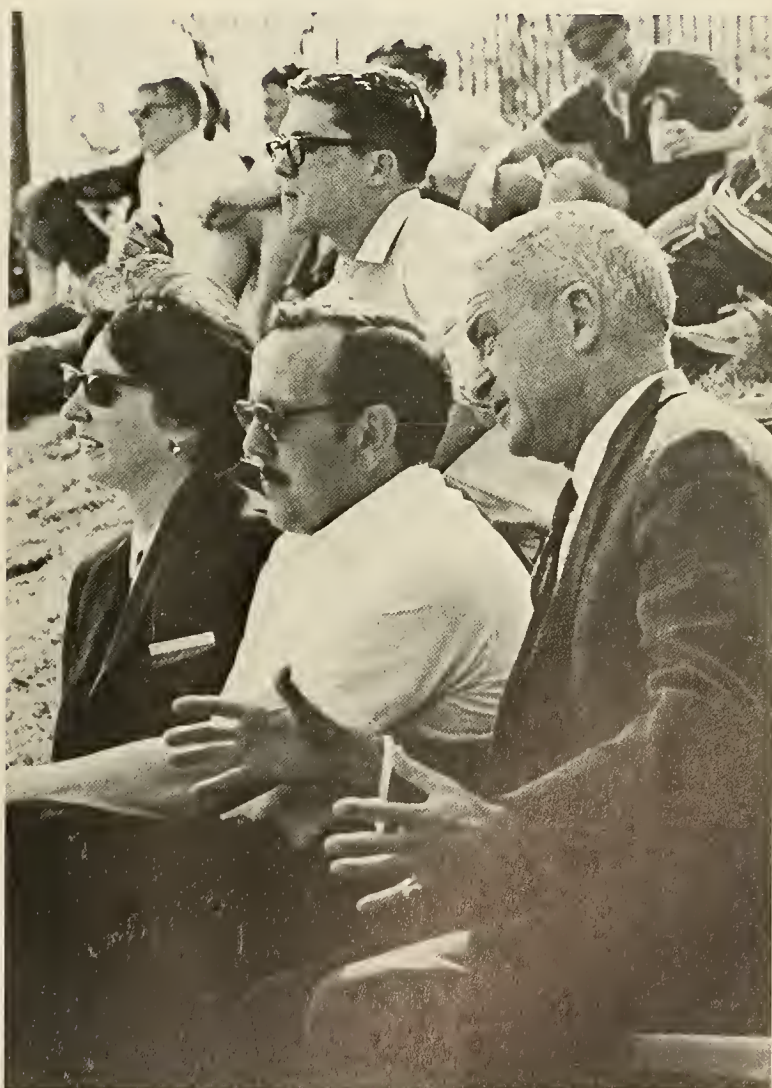
Fan of our teams and host to distinguished visitors. A fund-raiser who has asked of others, but also a man who has given much of himself. President of the Institute whose door is always open.







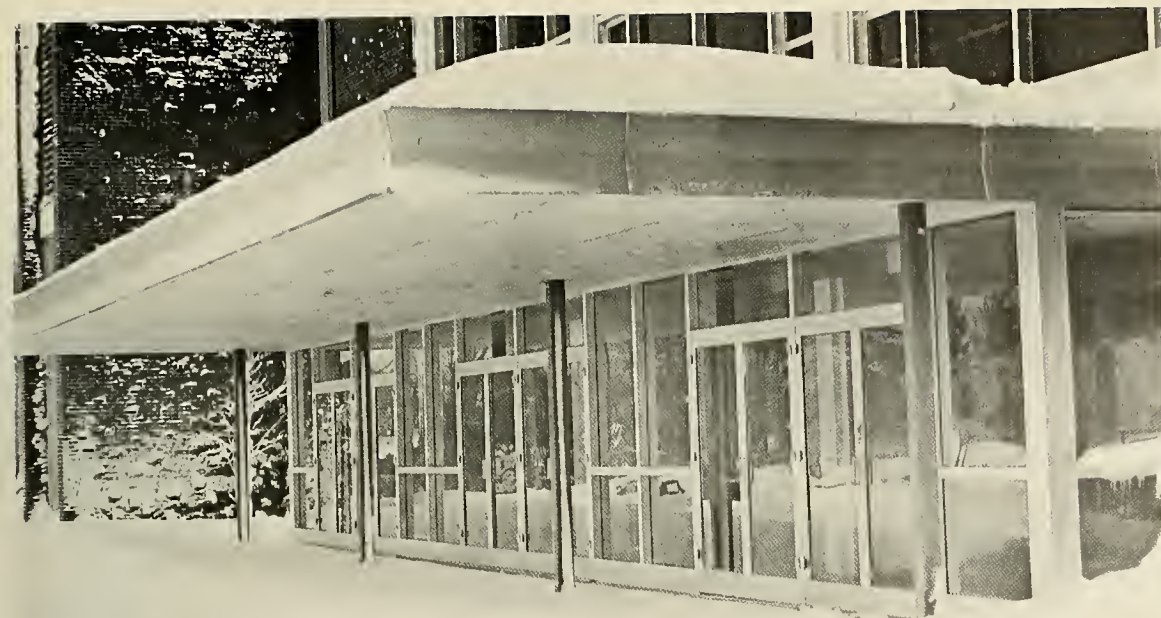
For the seven years in which he has expanded Worcester Tech not only in terms of buildings and students but more importantly in terms of educational opportunities, we dedicate the 1969 Peddler to President Harry P. Storke.





Four years ago, the institute  
was a quiet place  
where minds came  
and minds went  
and the time spent  
drifted away,  
silently.





The snow fell, the wind blew and a gray mist sheltered the people from any outside disturbance.

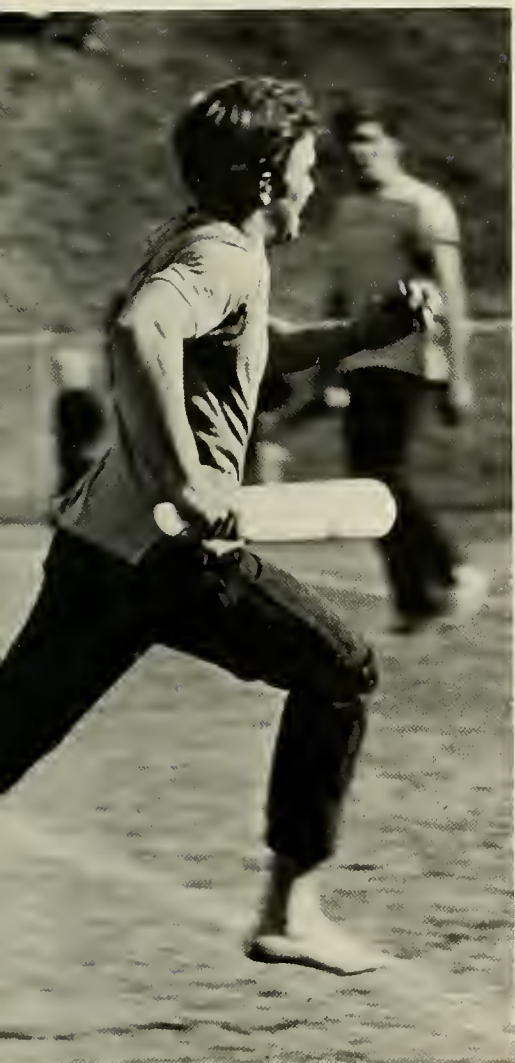




**“Sleepy Hollow” sat as placid as if only moments away from a final and absolute sense of rest.**







The hurrying and scurrying of the little people did not disturb the towering pillars that watched and smiled, and nodded approvingly.







Occasionally the noise from the busy little devils would reach a pitch and fervor that would attract the attention of the pillars and the little people were told that they mustn't let their enthusiasm run away from them.







Elf-like students  
were seen from above  
as they busily  
studied and worked,  
and ground answers,  
and prepped and schlepped about.





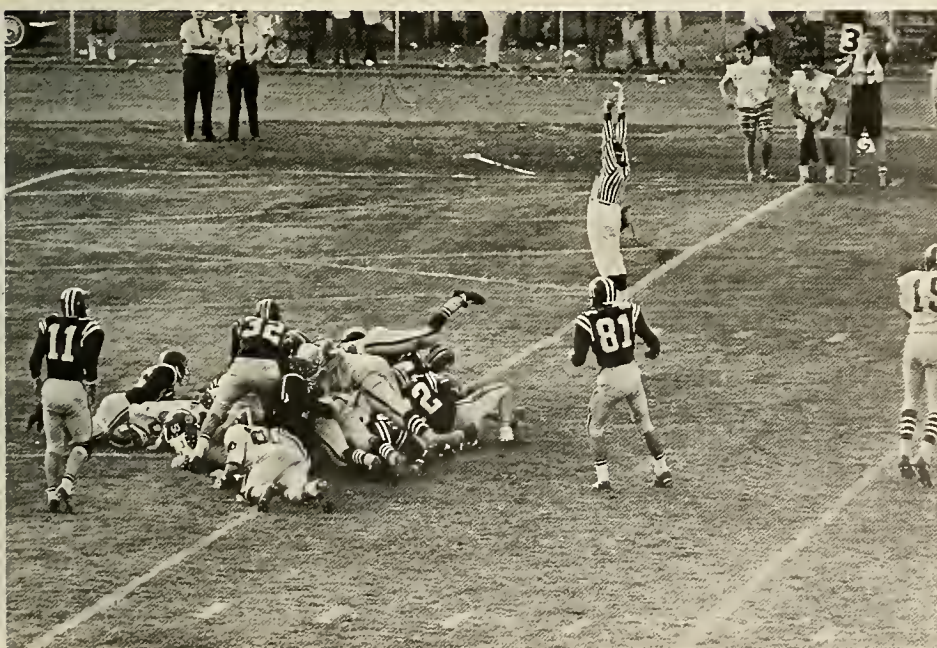
So the students held their pompous  
proms, tapped out their little cere-  
monies, presided over their clubs and  
teams and concerts and ran their little  
show . . .







Always under the ever watching  
eye of the smiling pillars  
of Worcester Tech.



Victories and defeats  
were absurdly  
insignificant.

But . . .  
in the outside world,  
the non-technical world,  
the unorganized world,  
the unfamiliar world,  
the **REAL WORLD**,  
things were not quite so pleasant.







ife

People were starving outside,





Life



Life

. . . there was a war outside,



Life



Life





re



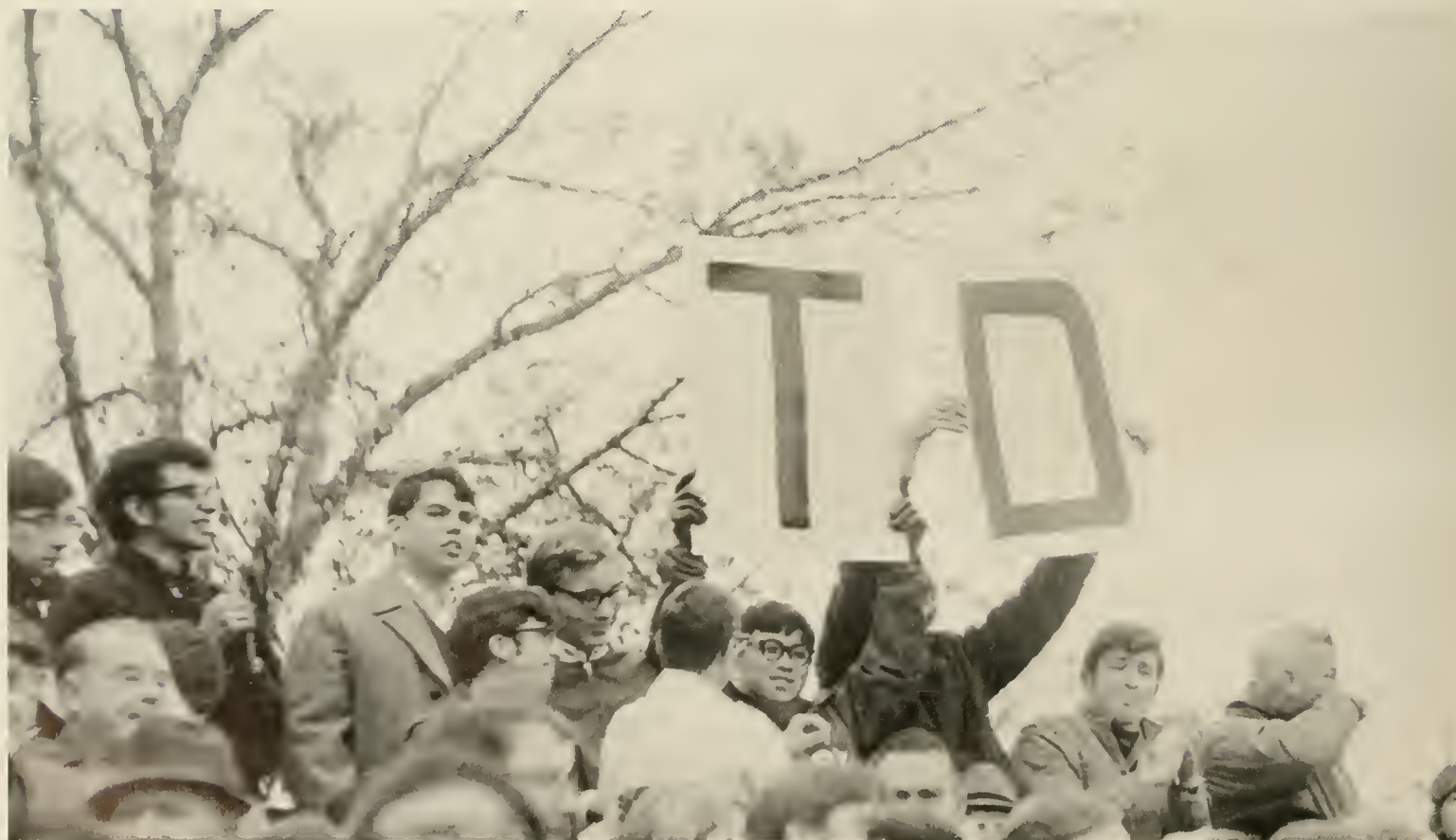
ife

...there was a need for  
change outside.



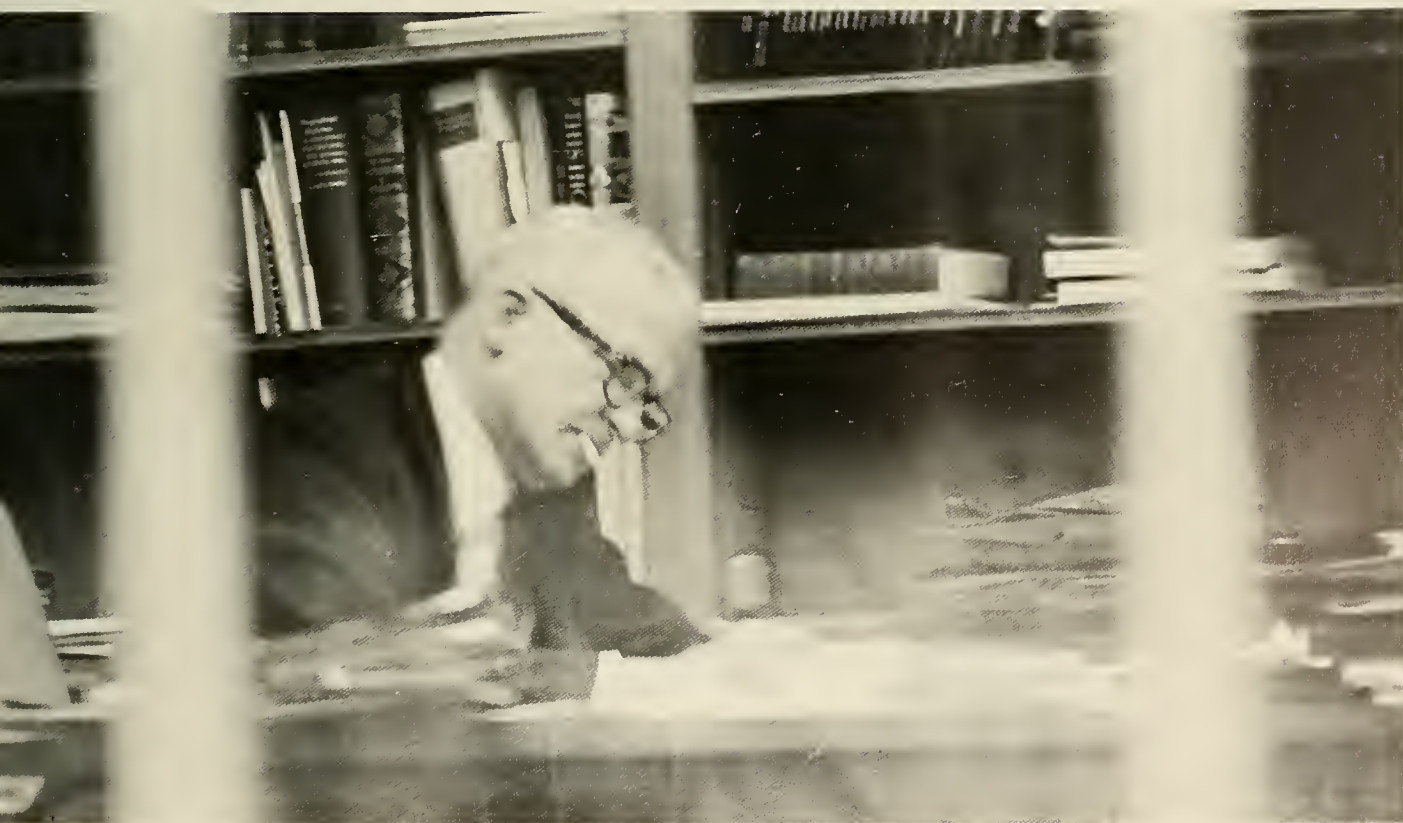


The senior knew it, the junior sensed it, and slowly. . .slowly enough so as not to announce its approach. . .



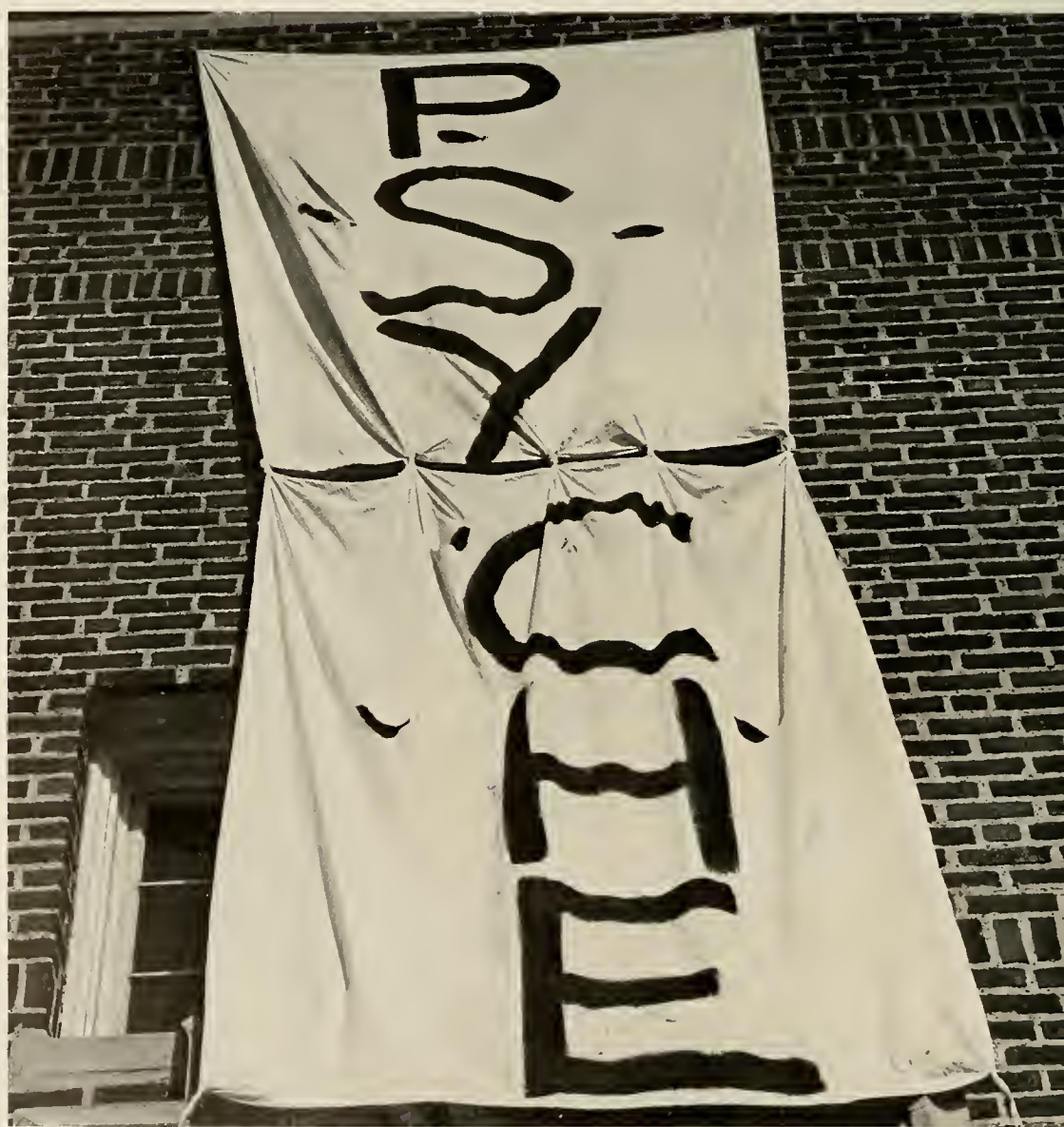


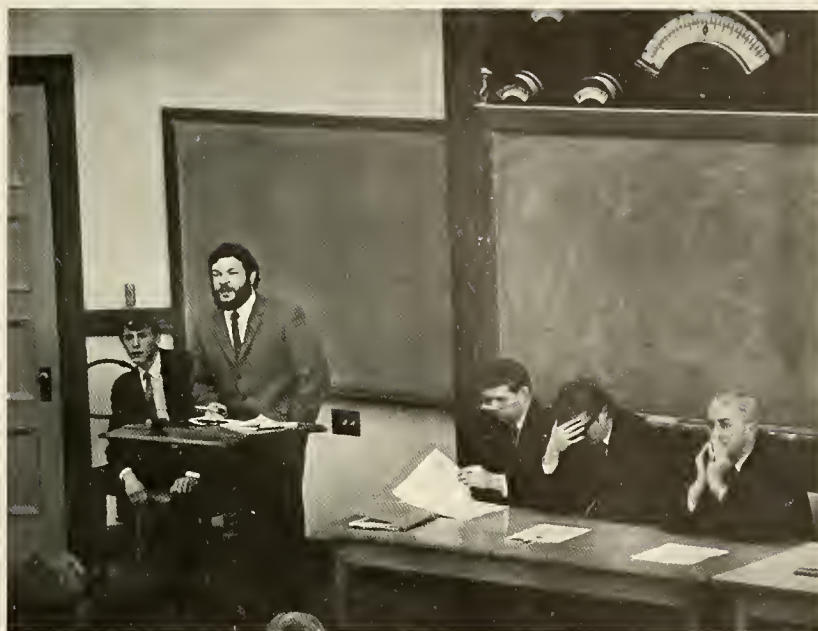
The wind carried the message to  
Worcester Tech.





And now, the wheels of change are grinding, at work in every phase of campus life. A stagnant force is now in motion.





A PLANNING PROGRAM FOR WORCESTER POLYTECHNIC INSTITUTE

THE FUTURE OF TWO TOWERS

PRESIDENT'S PLANNING GROUP:

JOHN P. van ALSTYNE  
 JOHN M. BOYD  
 CHARLES R. HEVENTHAL, JR.  
 WILLIAM H. ROADSTRUM  
 C. WILLIAM SHIPMAN  
 STEPHEN J. WEININGER

MARCH 1969  
 WORCESTER, MASSACHUSETTS



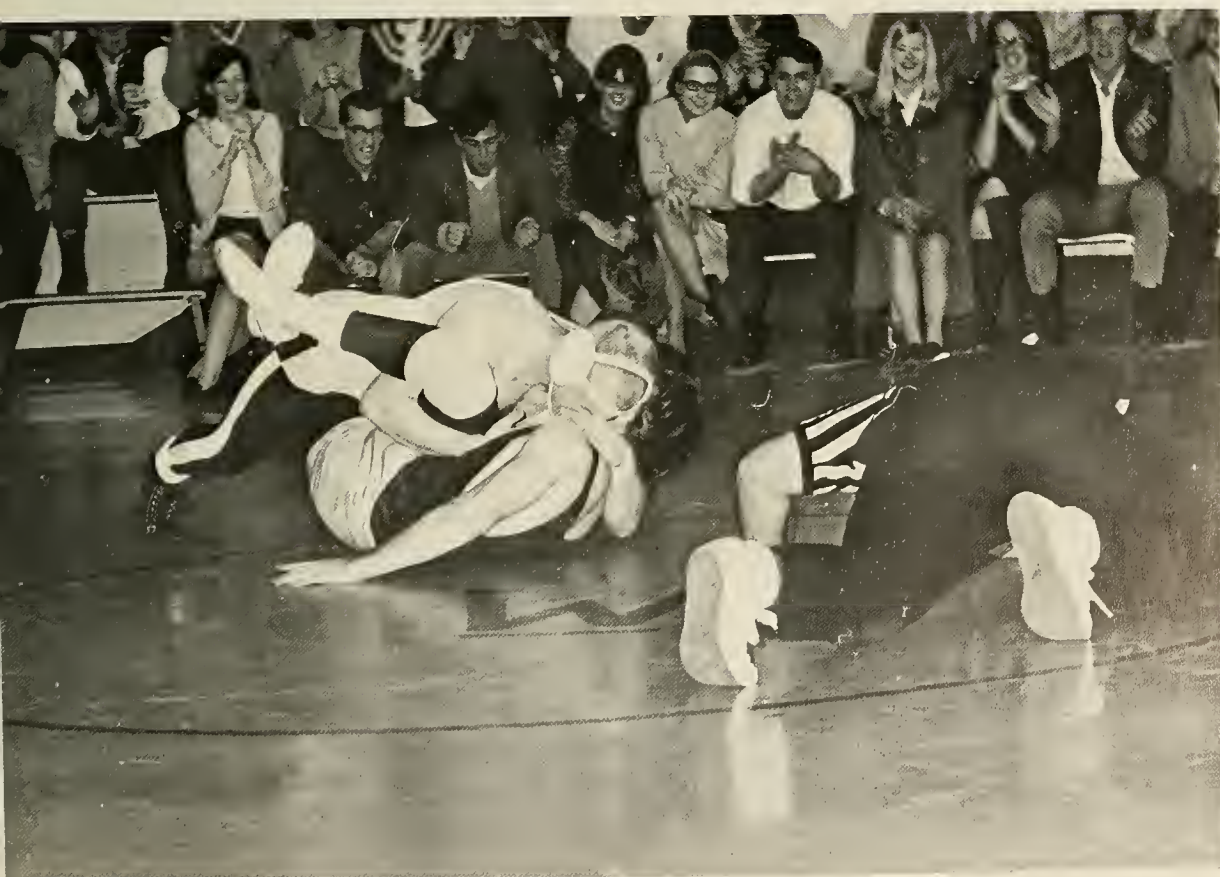
And we look back  
and see-  
that there was some meaning  
to our four years here.  
That all our energies  
were not cast aside  
And we recall the . . . Grinding,







...grabbing,







. . . hurting,







. . . hating,





... living,







...loving and





screaming.











And  
 now that Worcester Tech  
 will soon be ours,  
 now that the students  
 have a small but not silent  
 voice in the running of things,  
 now that the pillars  
 of wisdom have turned  
 and bent to listen  
 to the voices of change.



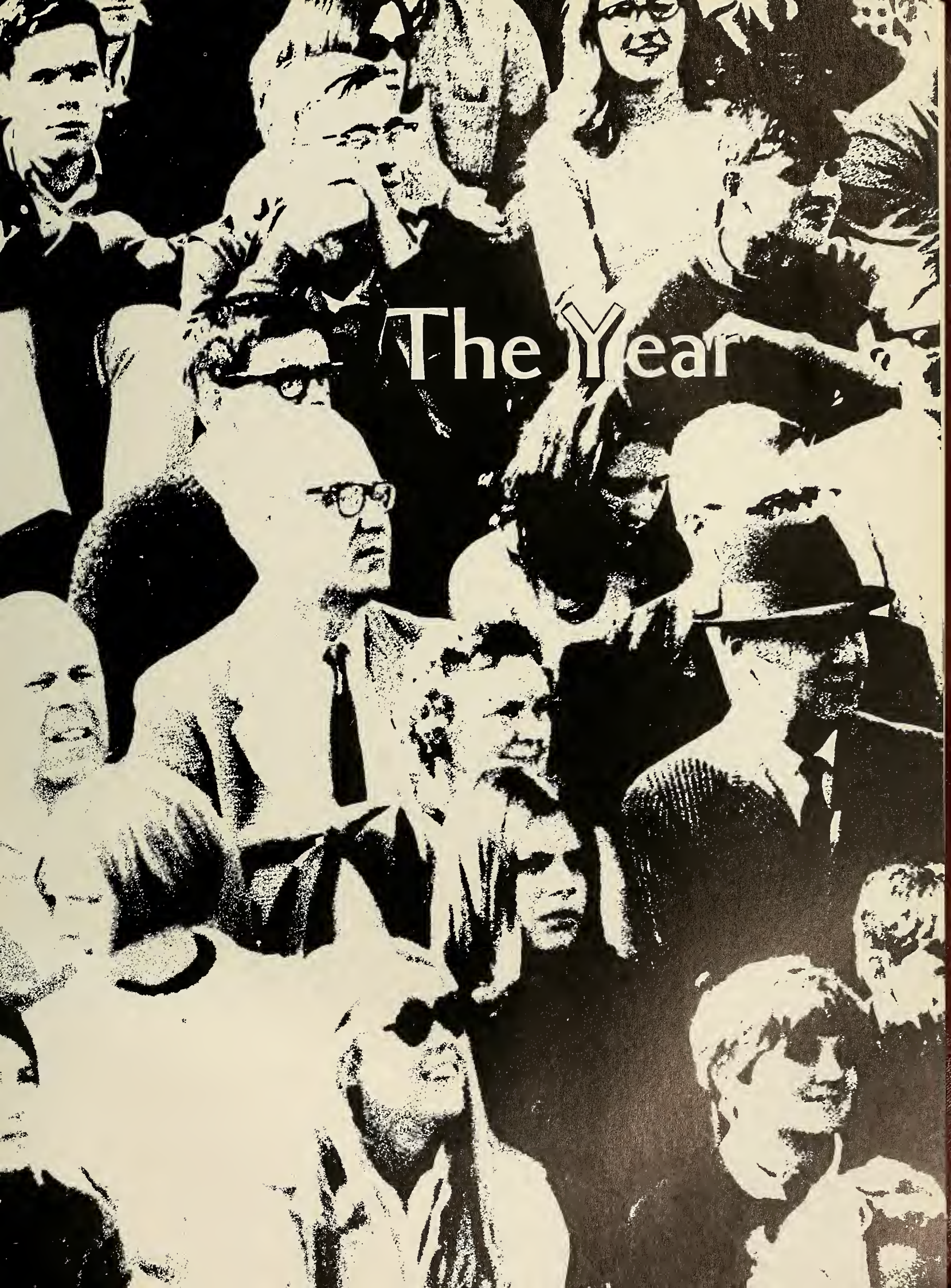


Life at Tech might soon have  
a little more meaning,  
a little more relevance,  
and a little less of  
the absurdities and paradoxes  
that once reigned supreme  
over the institute.









# The Year





After years of building . . .





























Tech stands for  
learning . . .





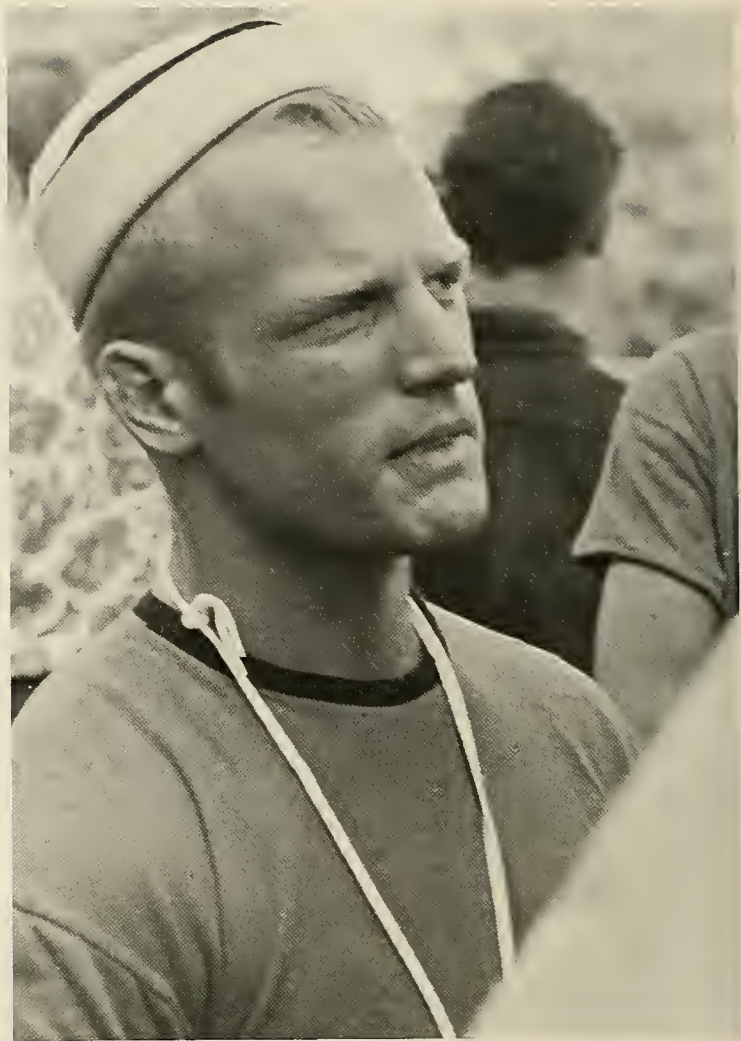
... stands  
for being













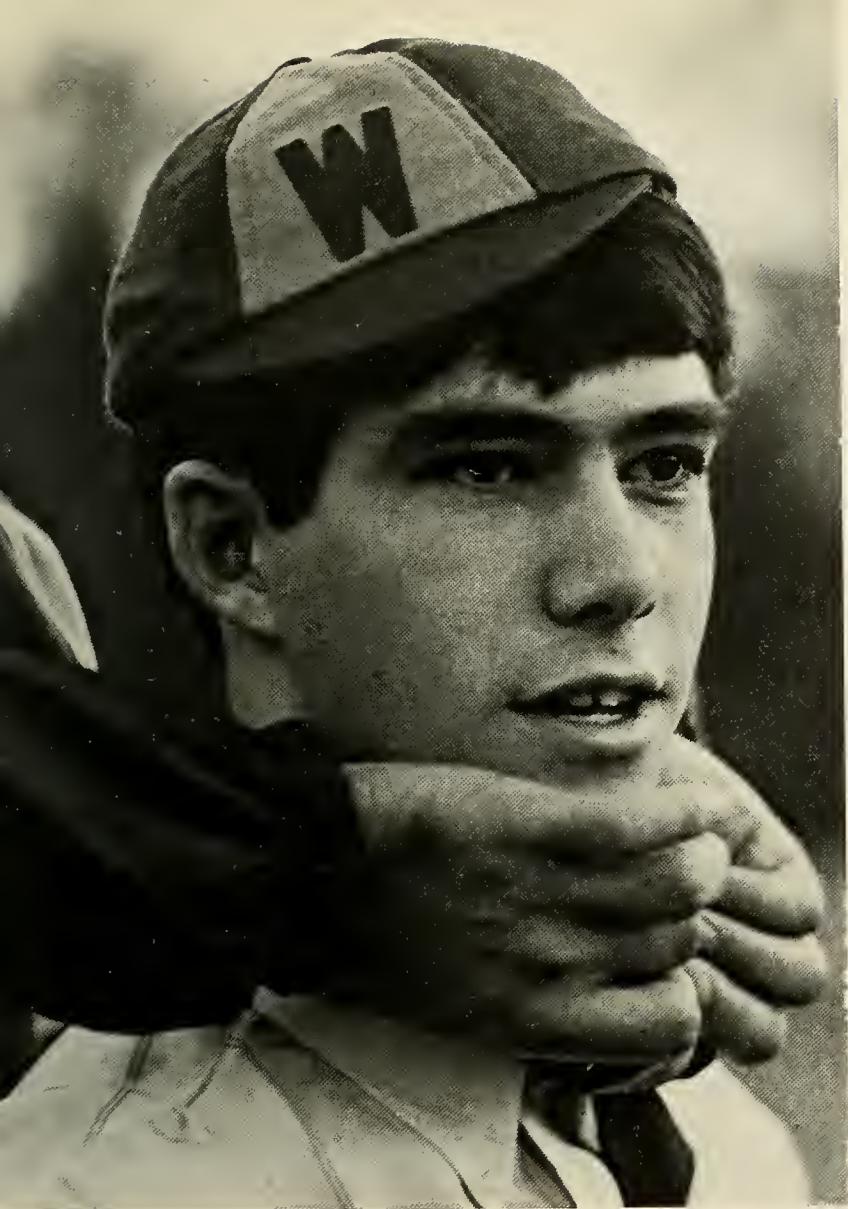


. . . stands for living.



From the four corners of New England,  
students came to learn, came to be,  
came to live, and came to grow . . .





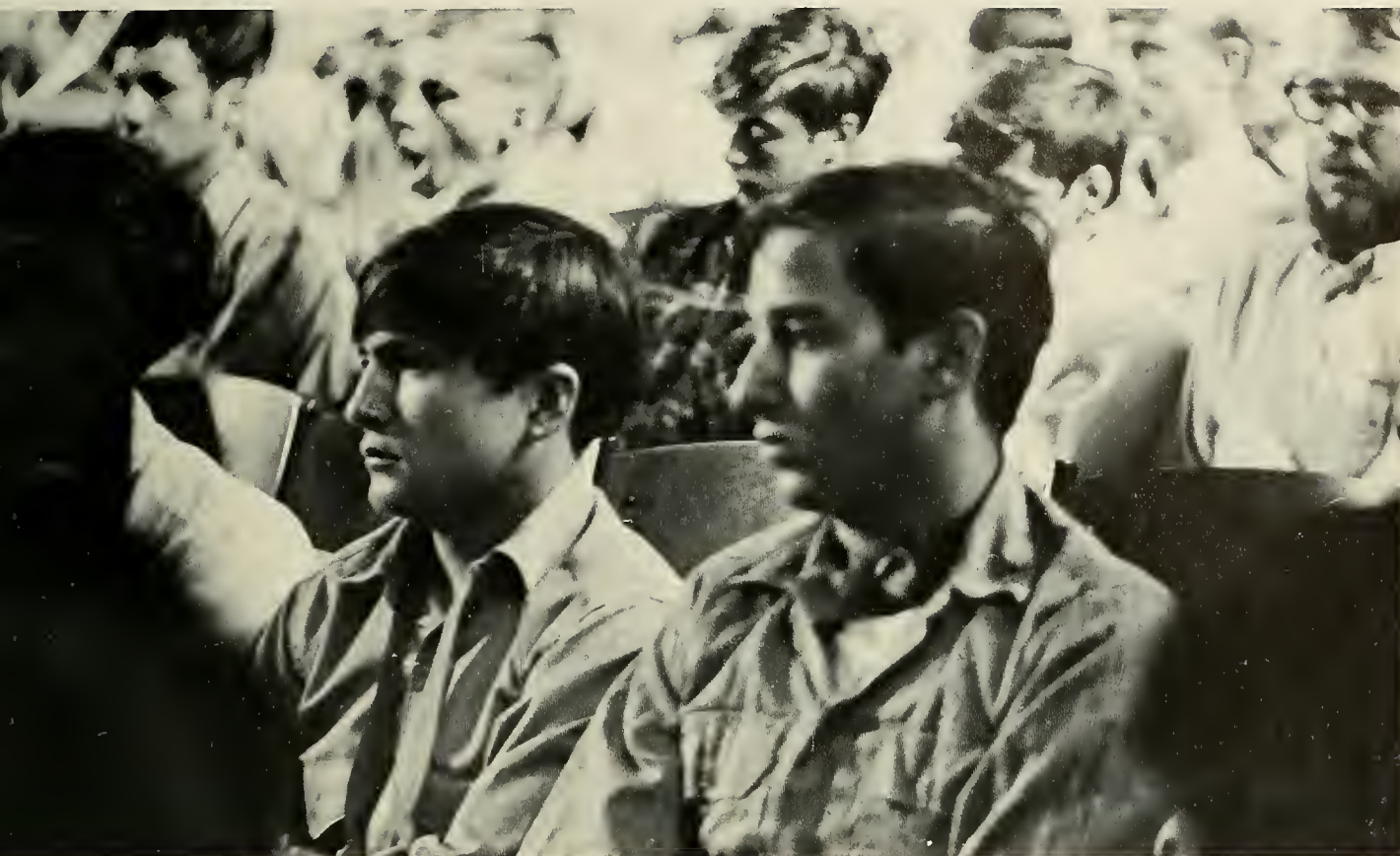




They came for over a hundred years without women.



One hundred years without gaining a full education,  
without learning the female qualities so needed by men.



At first there were two.







While Frosh and Sophs are playing games to develop a rivalry that never gets off the ground . . .







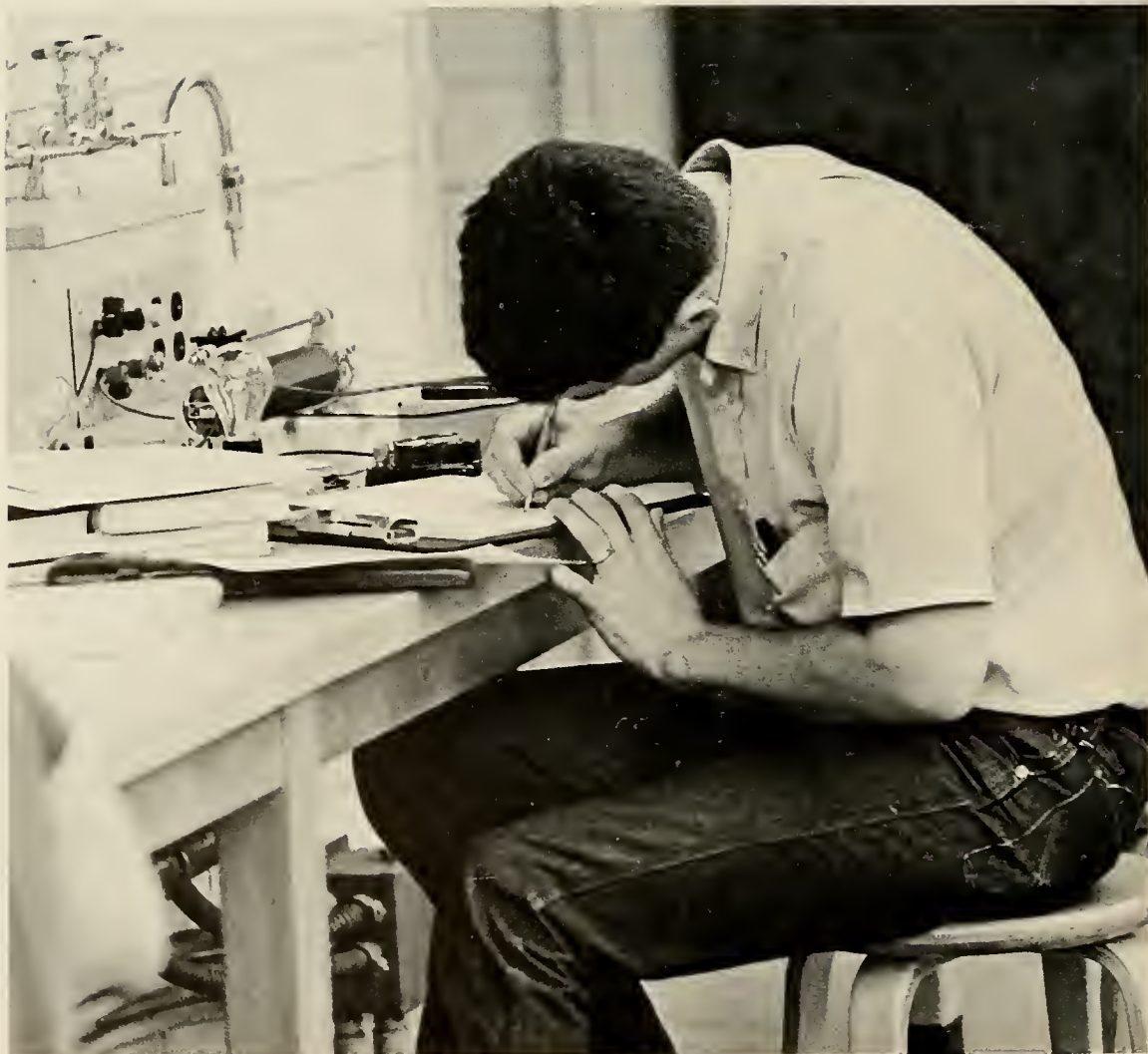




...fraternity "men" are preparing for the fight  
of survival . . . rushing . . .



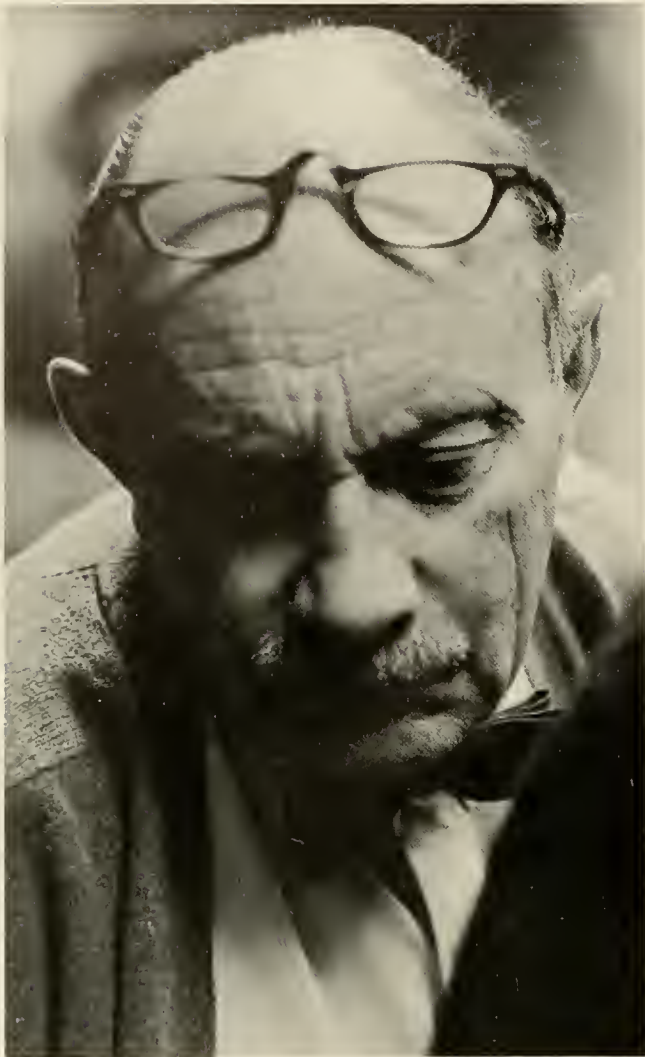






Always classes . . .



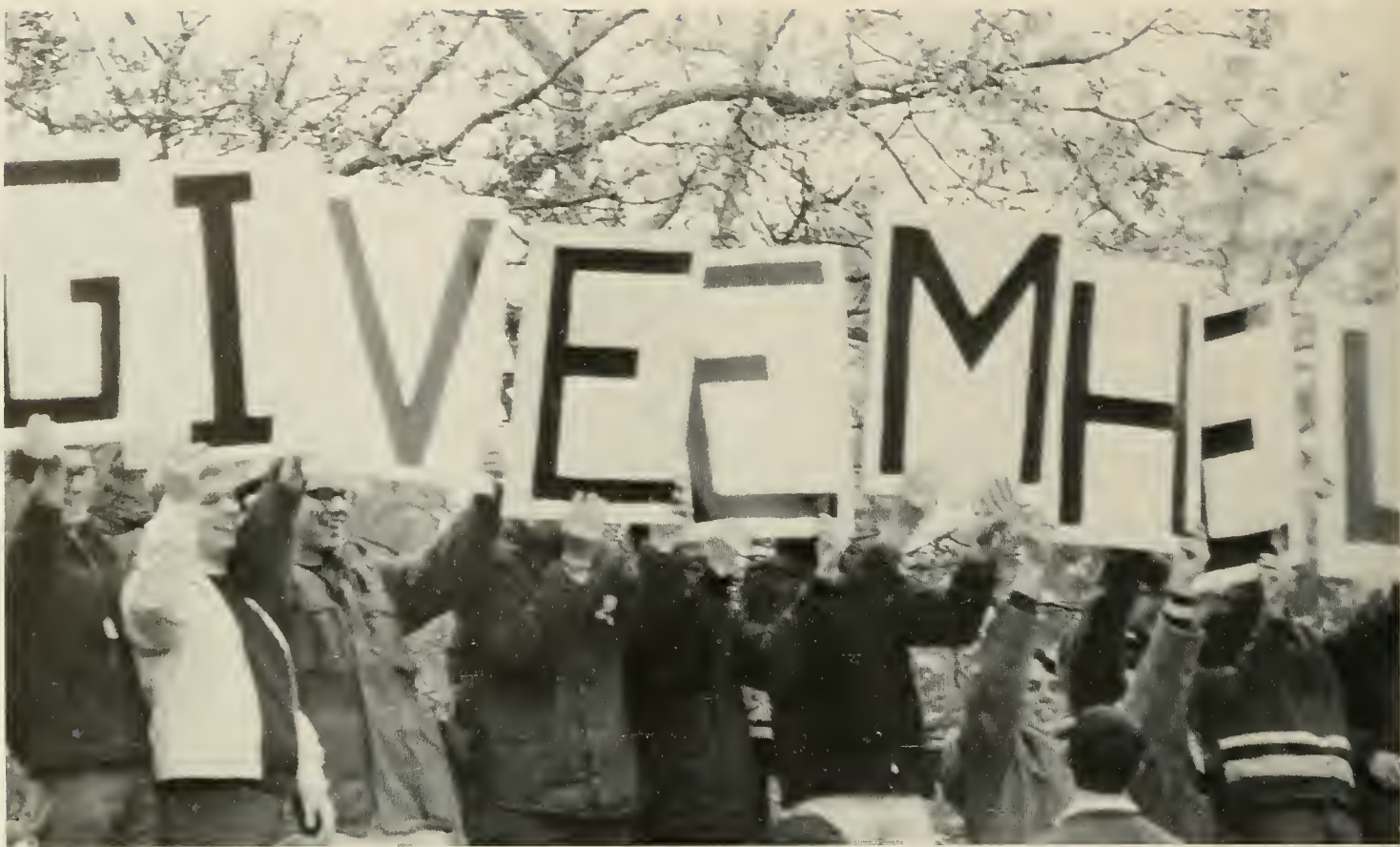


...for some interest,  
for others boredom.







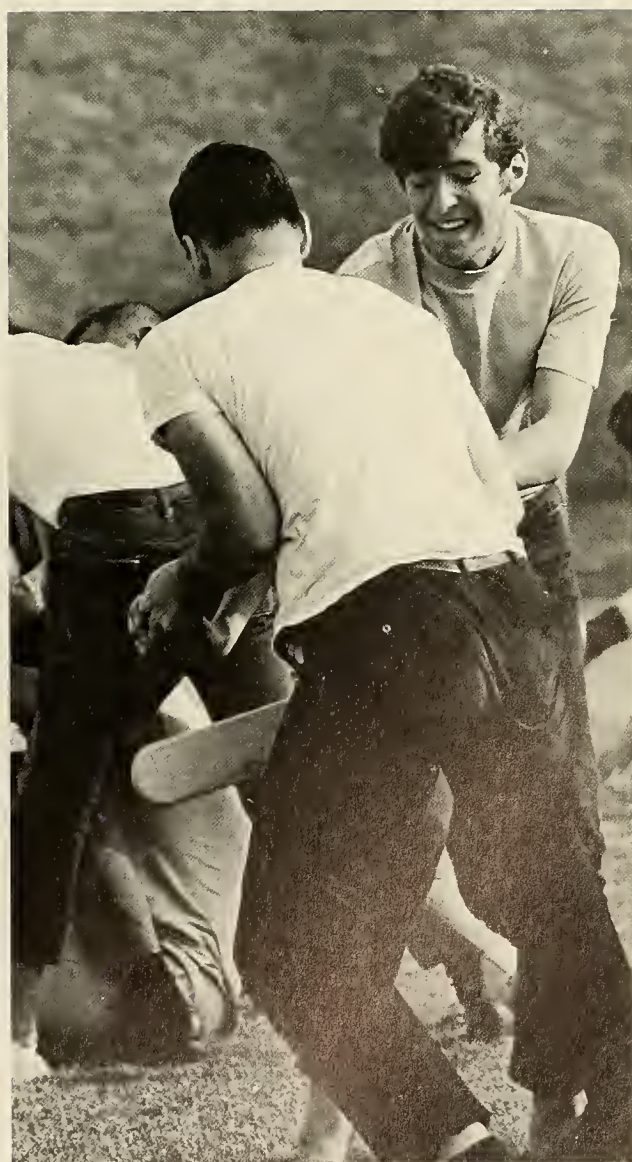


Football dispelles the boredom,

and commences the weekend.













Hard work . . .

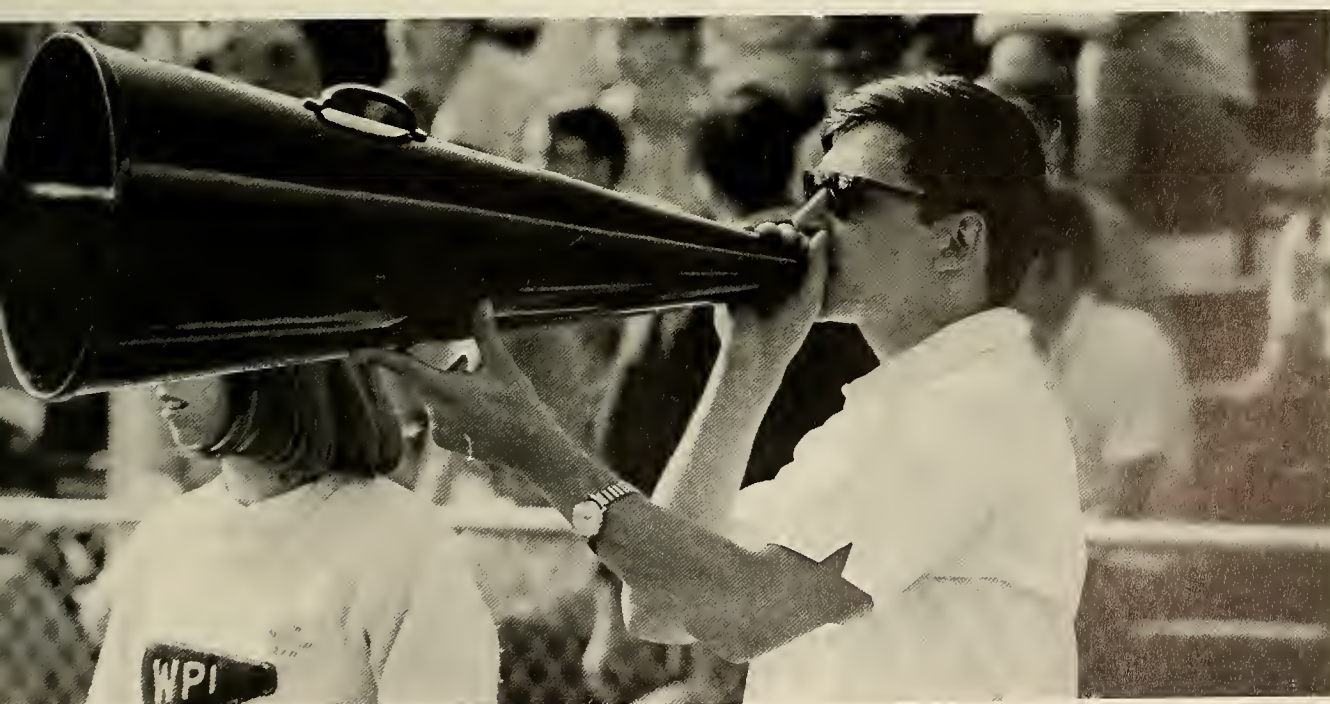




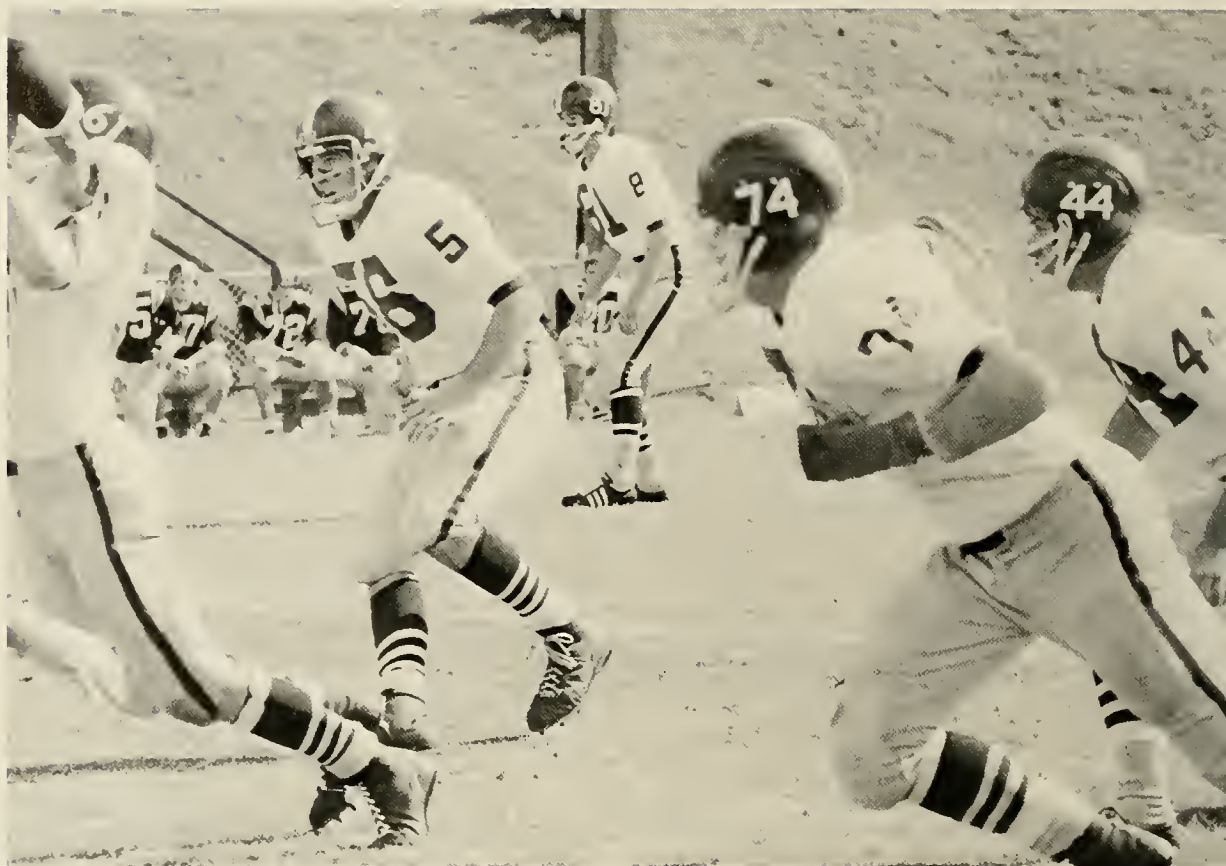
...constant effort. . .









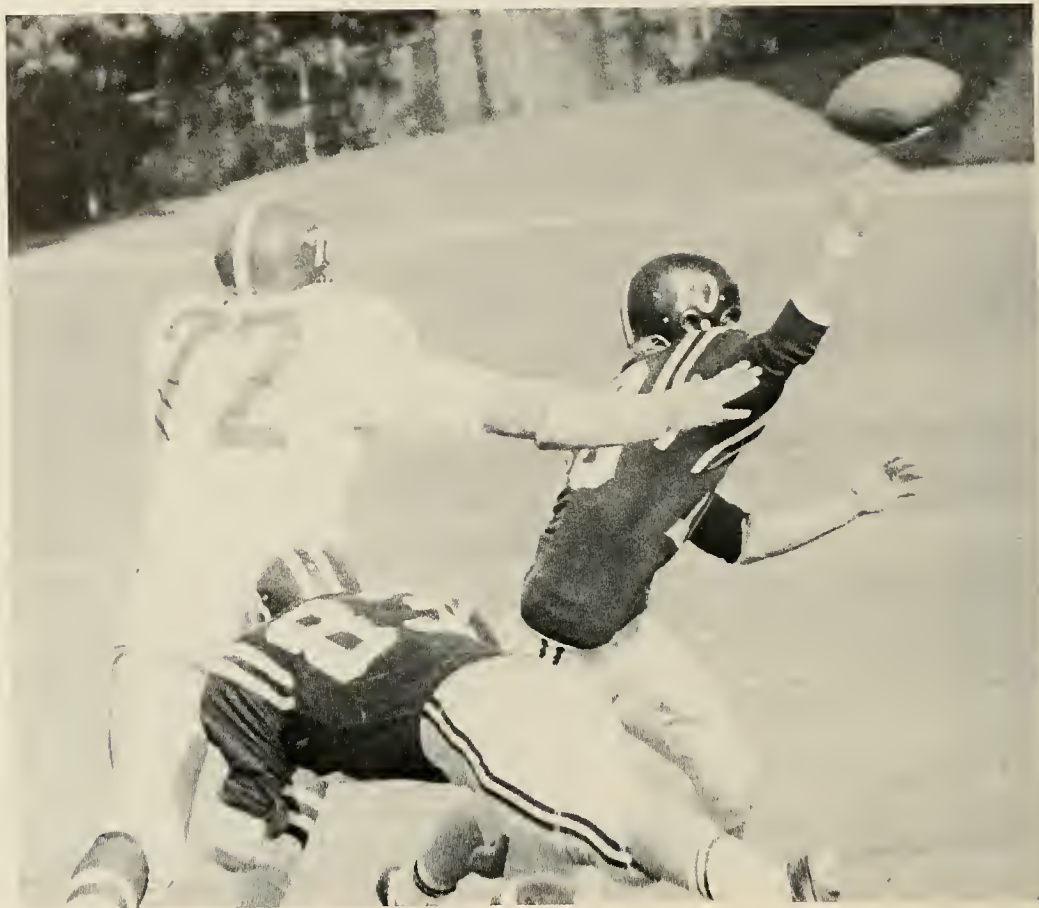




. . . team work . . .



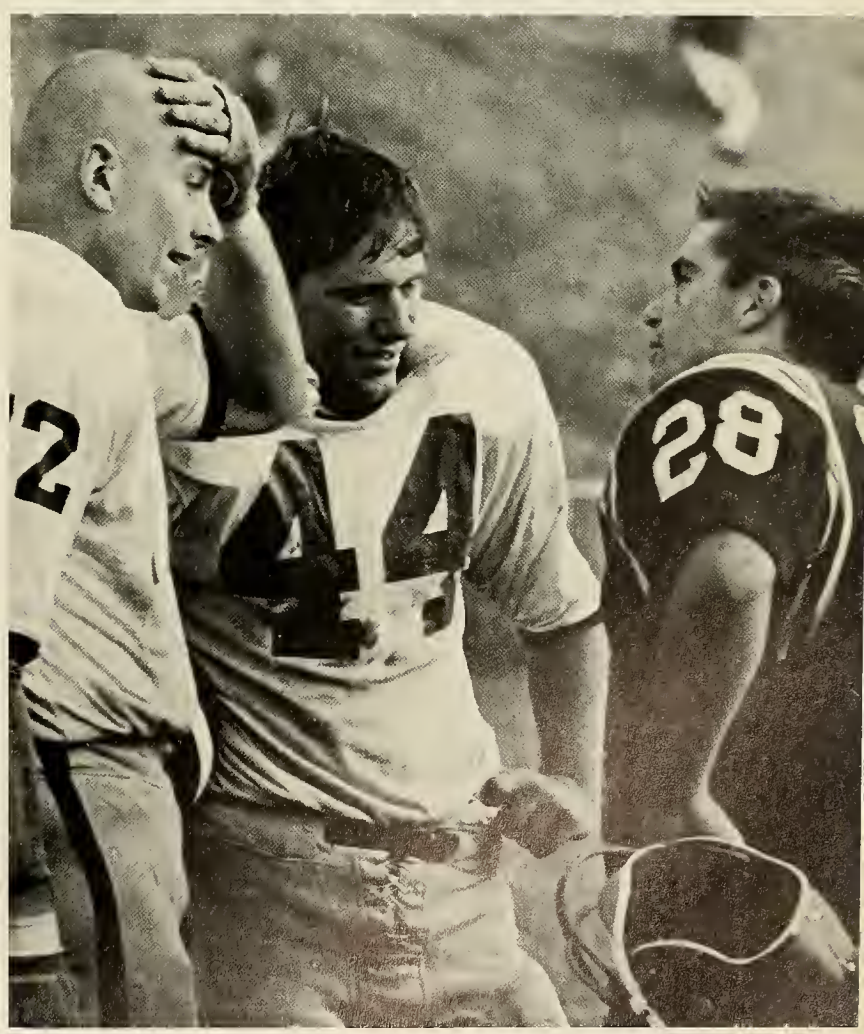
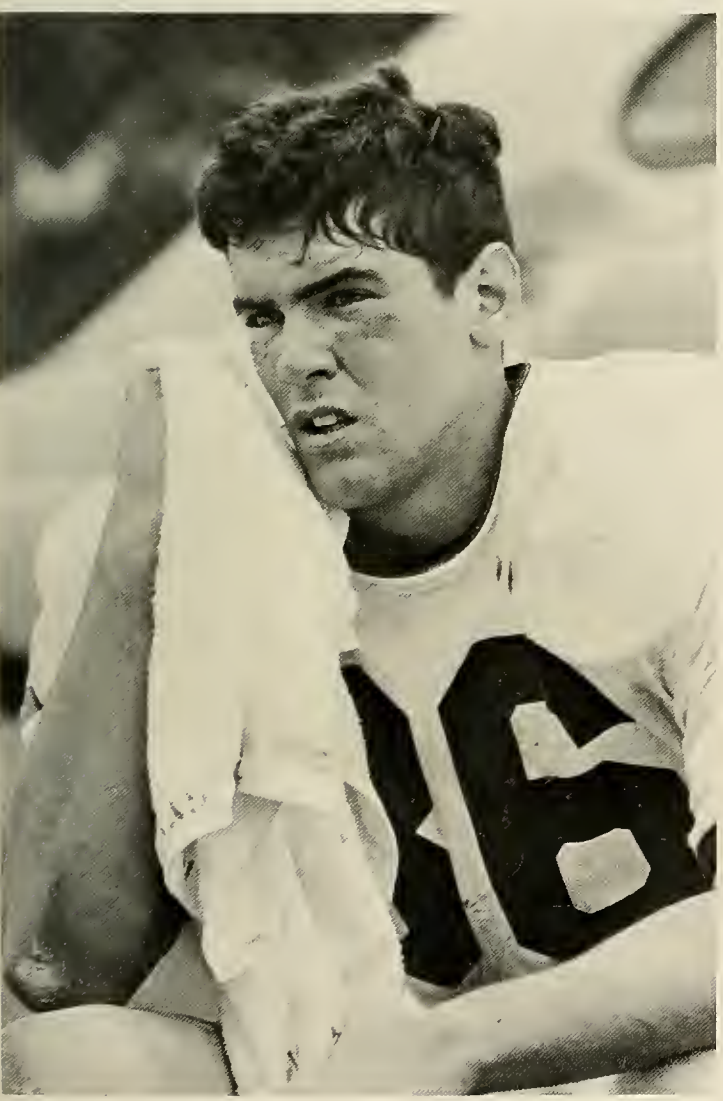




... victory; this is football.





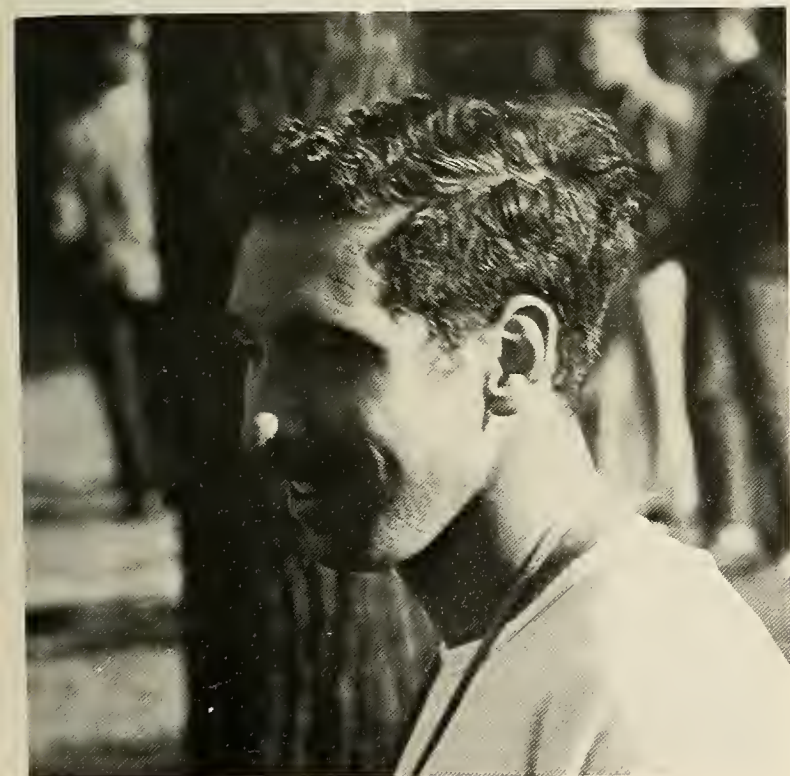








Many consider football  
a rugged contact sport,  
but for those who have  
watched soccer . . .

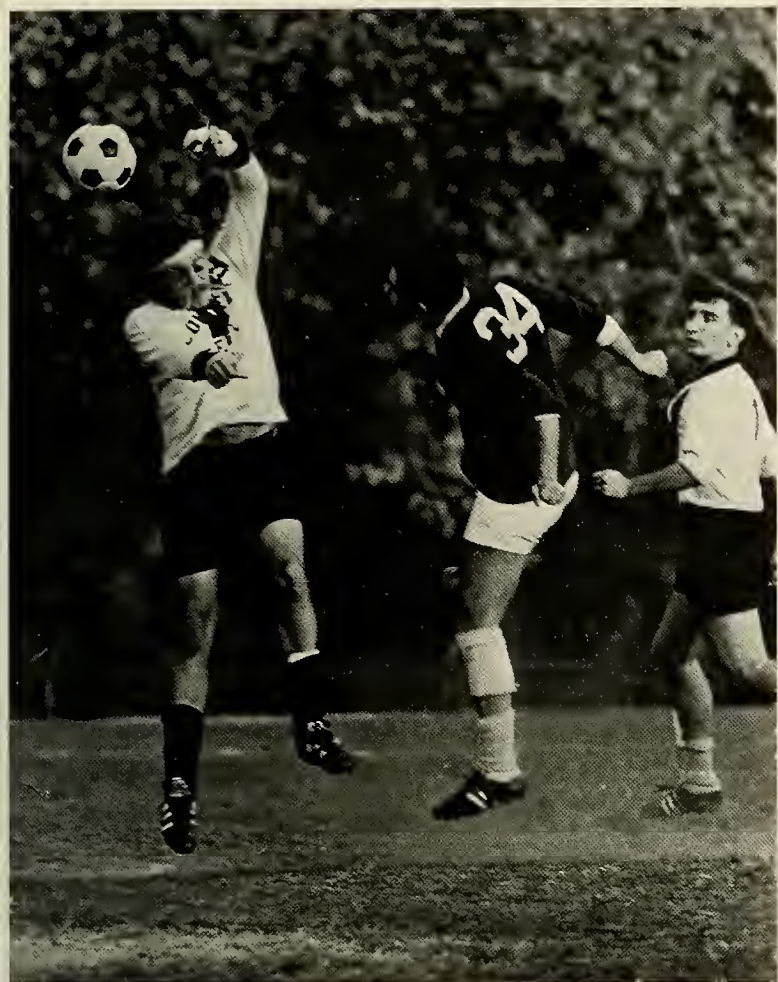




. . .although soccer is a  
team effort, victory  
is still the result  
of individual effort--











one's  
legs,







spirit, and desire . . .







. . .are, what in the end,







...give victory.





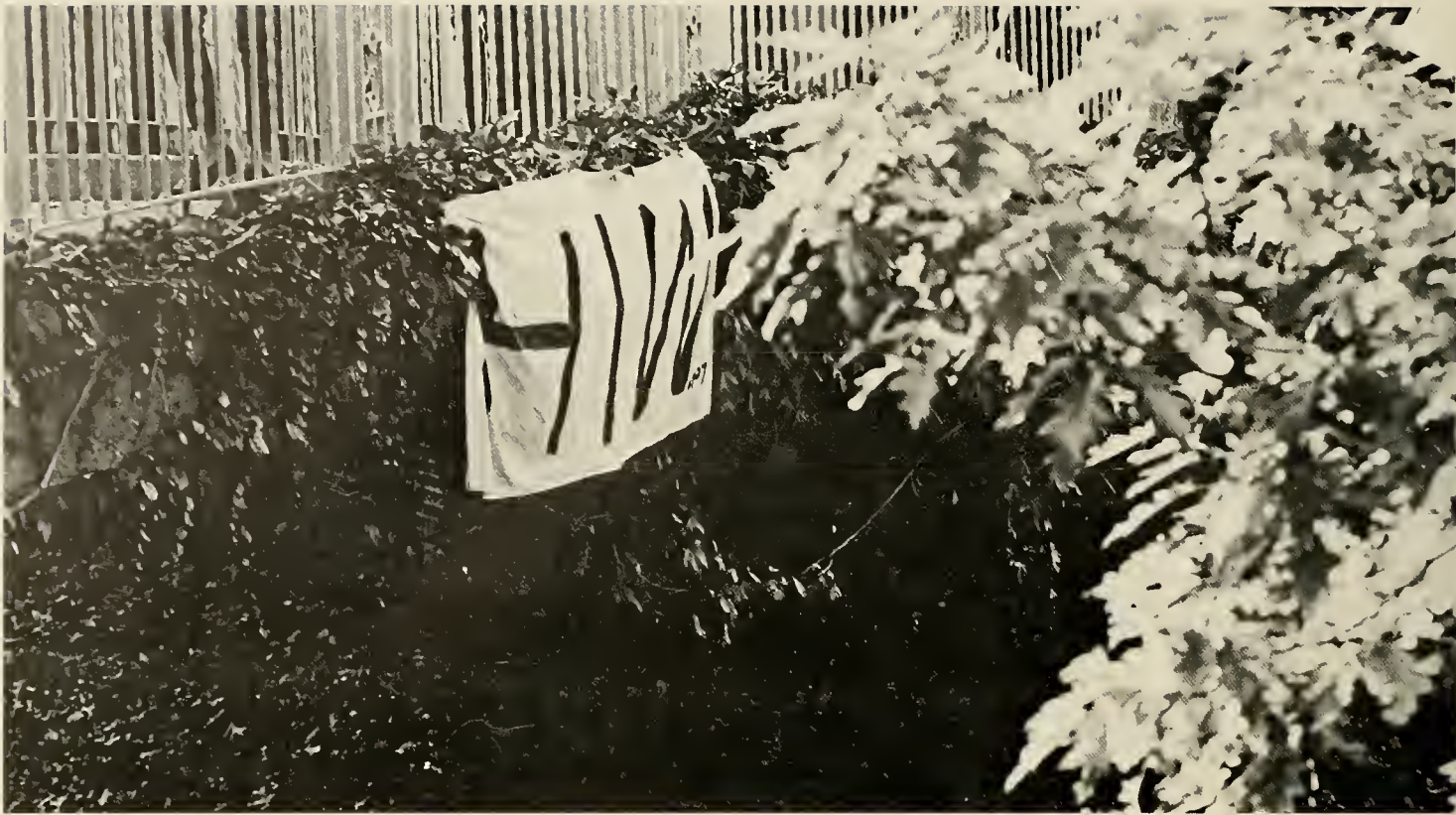


Flying feet, straining muscles, timing, endurance, the desire to win, all these are cross country, but most of all, it is being alone.





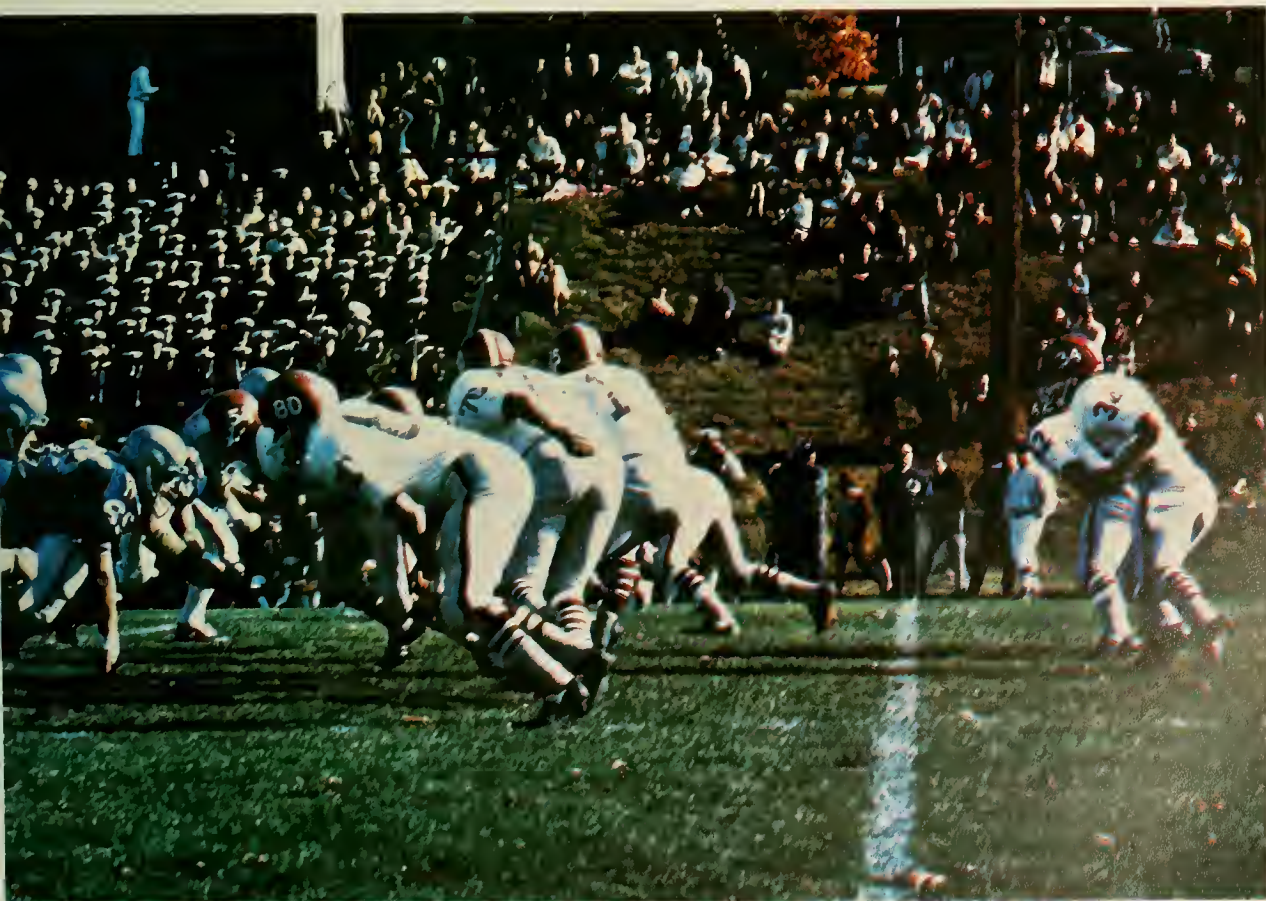
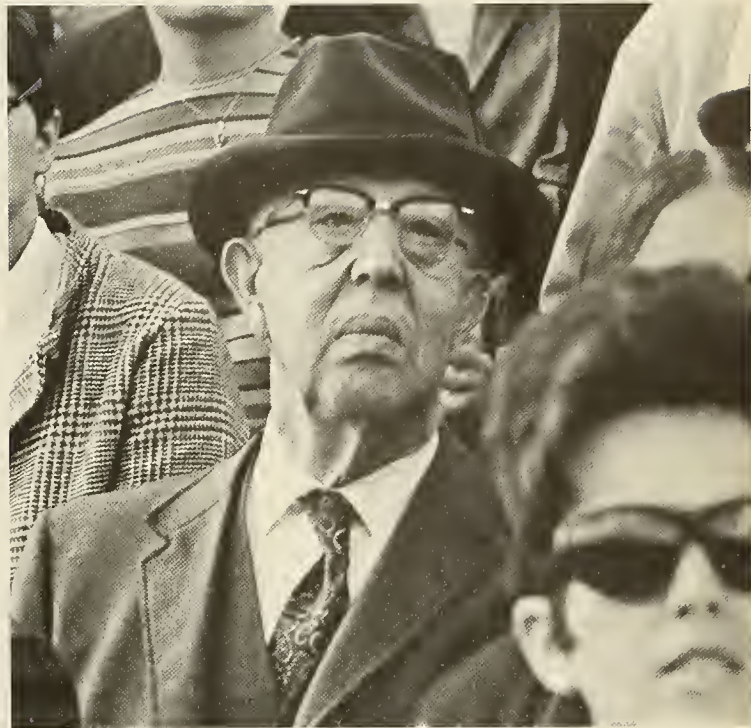




Homecoming is football,  
soccer, . . .  
a little bit of everything  
in one autumn weekend.















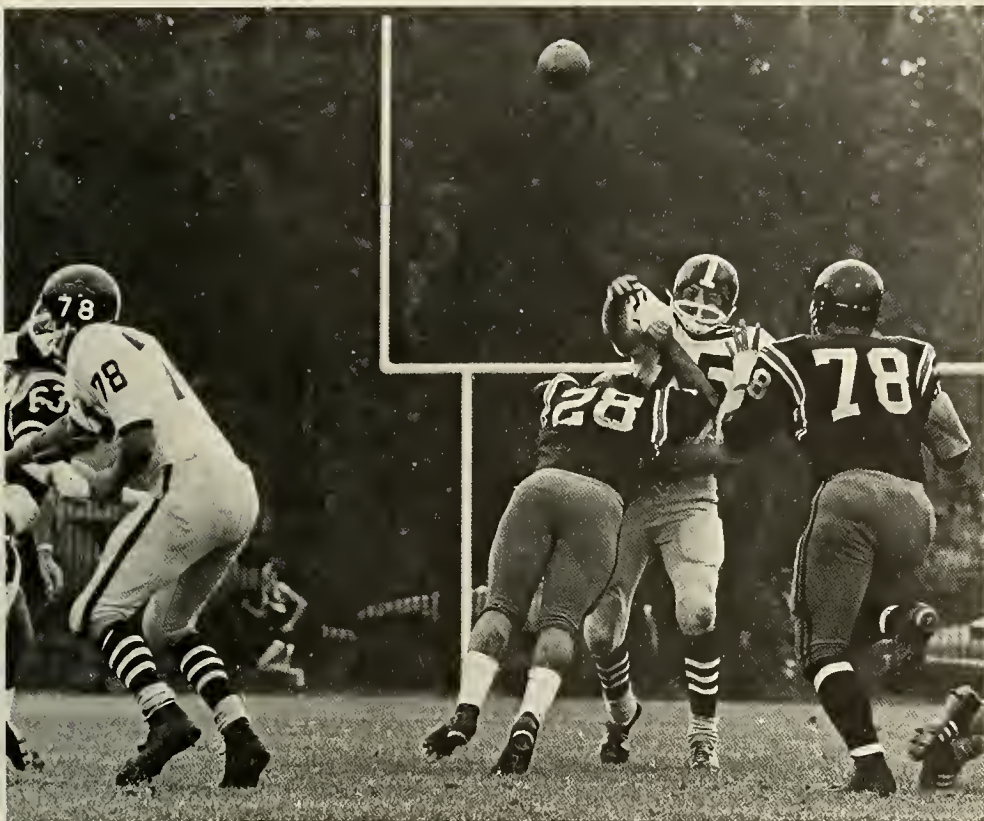
A time when all are drawn together  
 . . . alumni, faculty, students, and  
 friends . . .



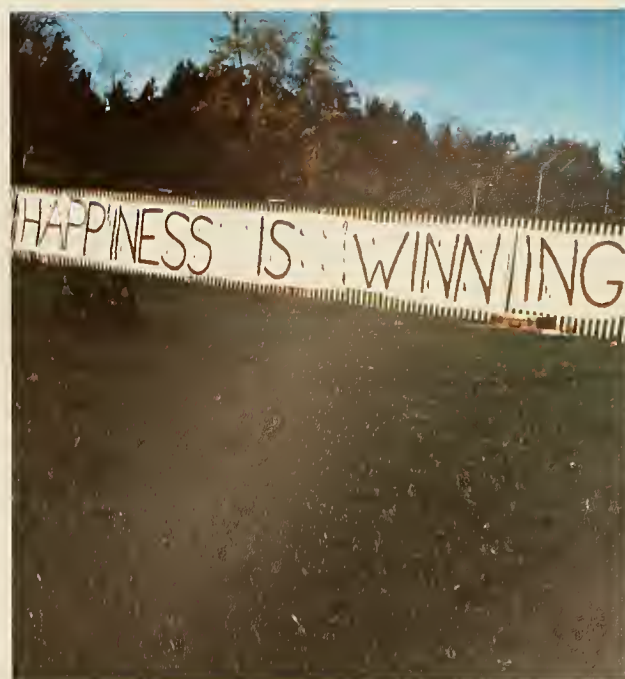
The afternoon is alive  
with the color of autumn . . .  
. . .with cheering . . .







...and with the sounds  
of football











...which arouse emotions.







Homecoming is watching . . .







...watching sports. . .









...watching together.









Homecoming renews old traditions . . .

. . .with old outcomes.





Happiness is Homecoming . . .







...winning adds to it,  
but people make it.





The afternoon ends . . .





. . .the day's activities are put away in the scrapbook of our minds.





Night! With night comes the unknown, the never before experienced.  
Sly and Janice were just that . . .



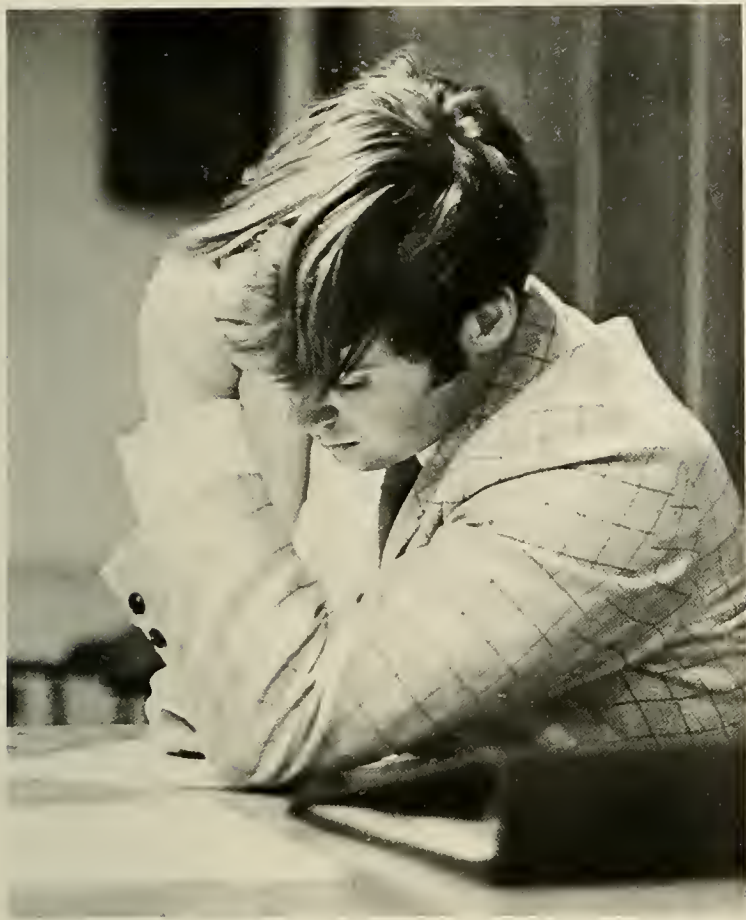




. . . but more, they were unique people. Just as all of us are unique people. Yet . . .









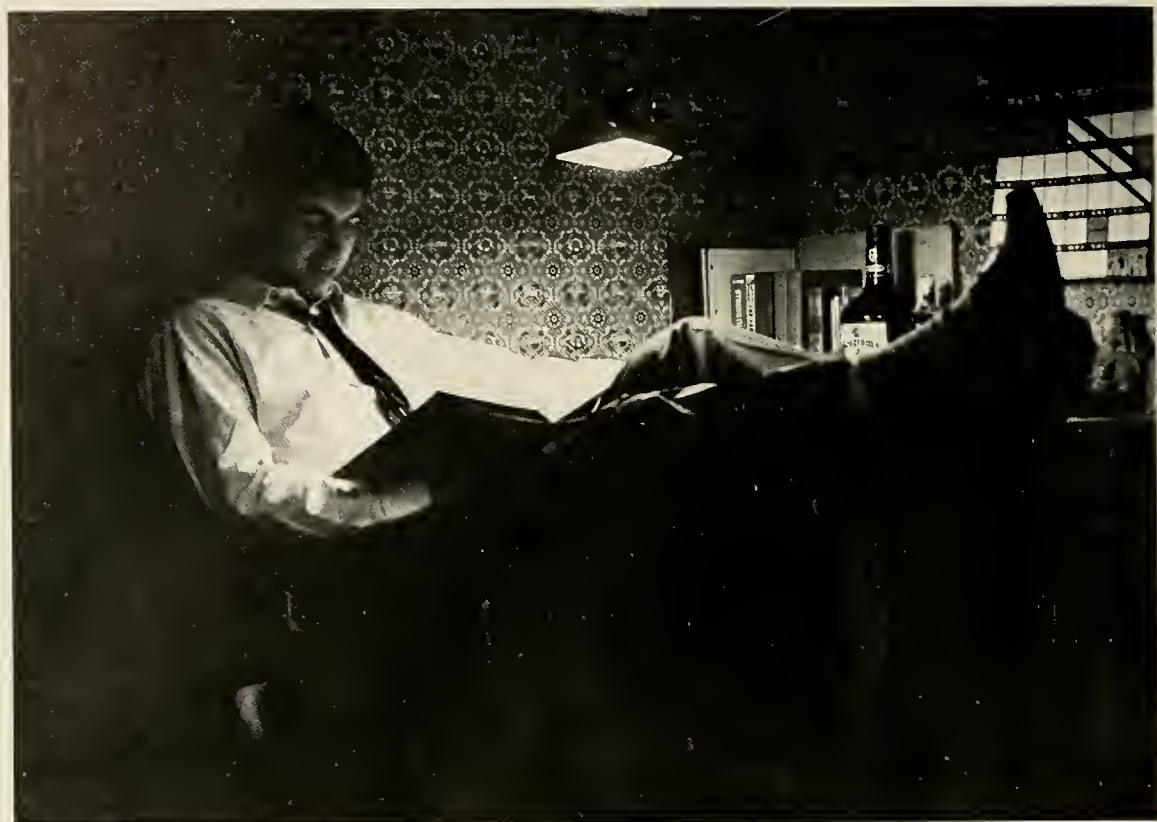


As winter comes, the sides of Worcester Tech fold up to keep its inhabitants together and united . . .



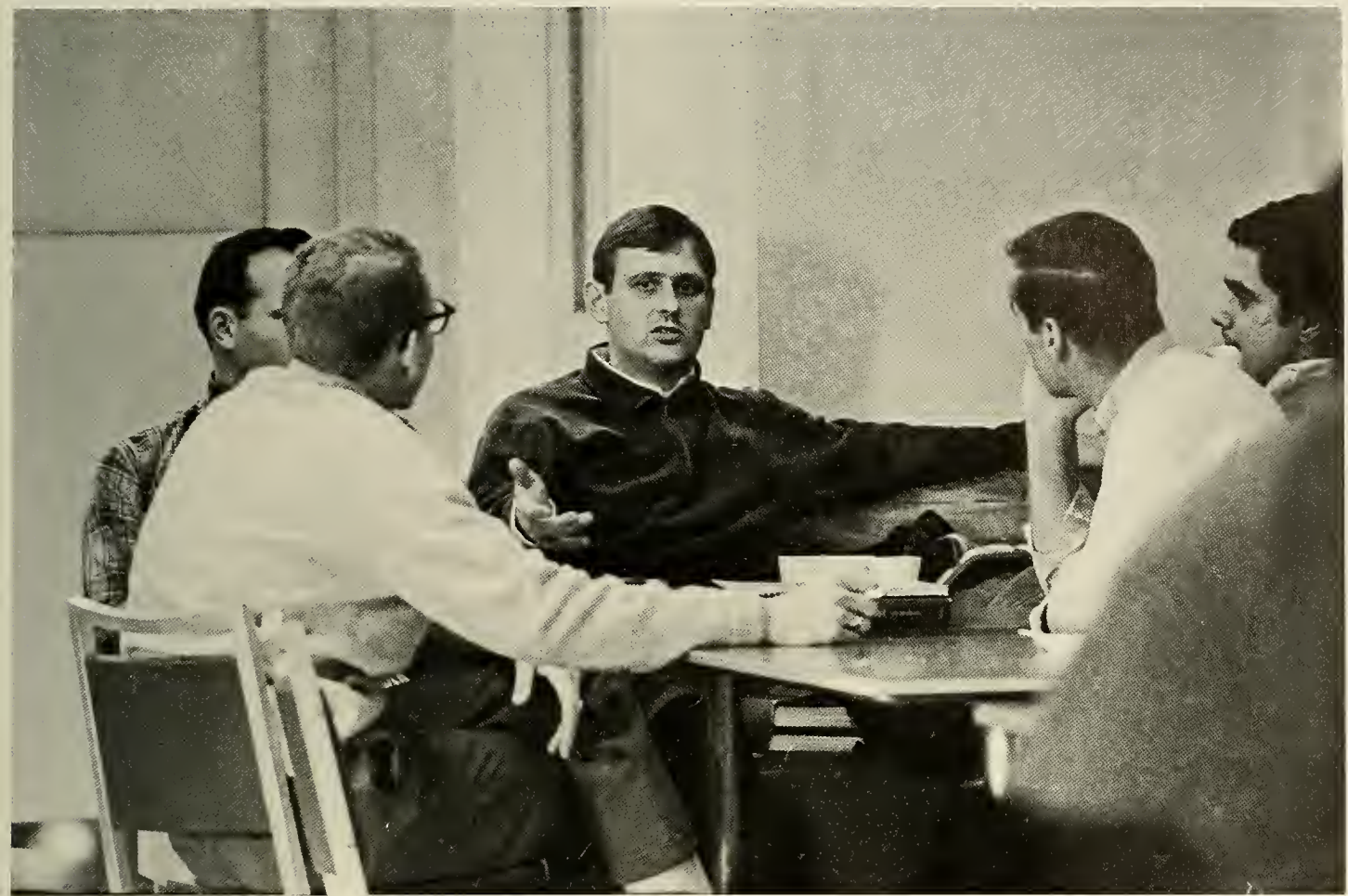








... and the only word more important than I is we ...

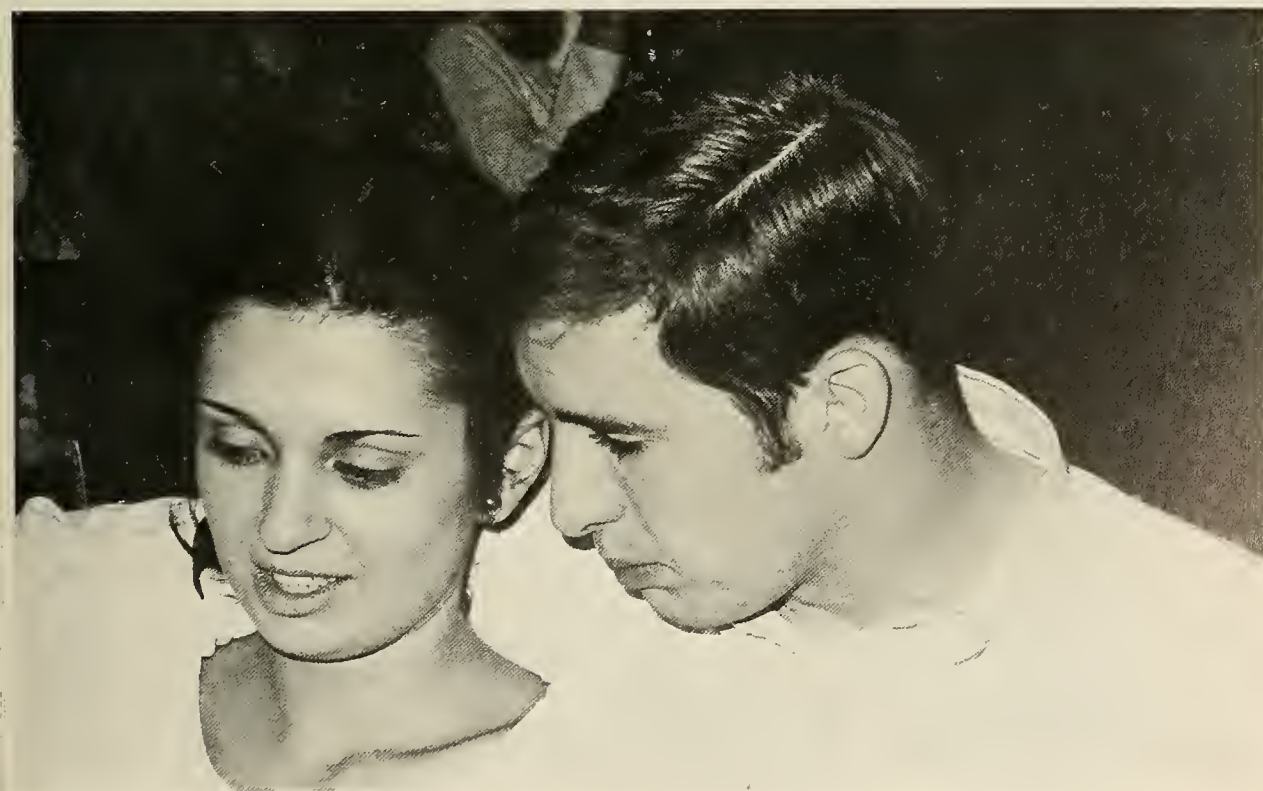




... together yet alone.









The human body is always  
producing energy . . .













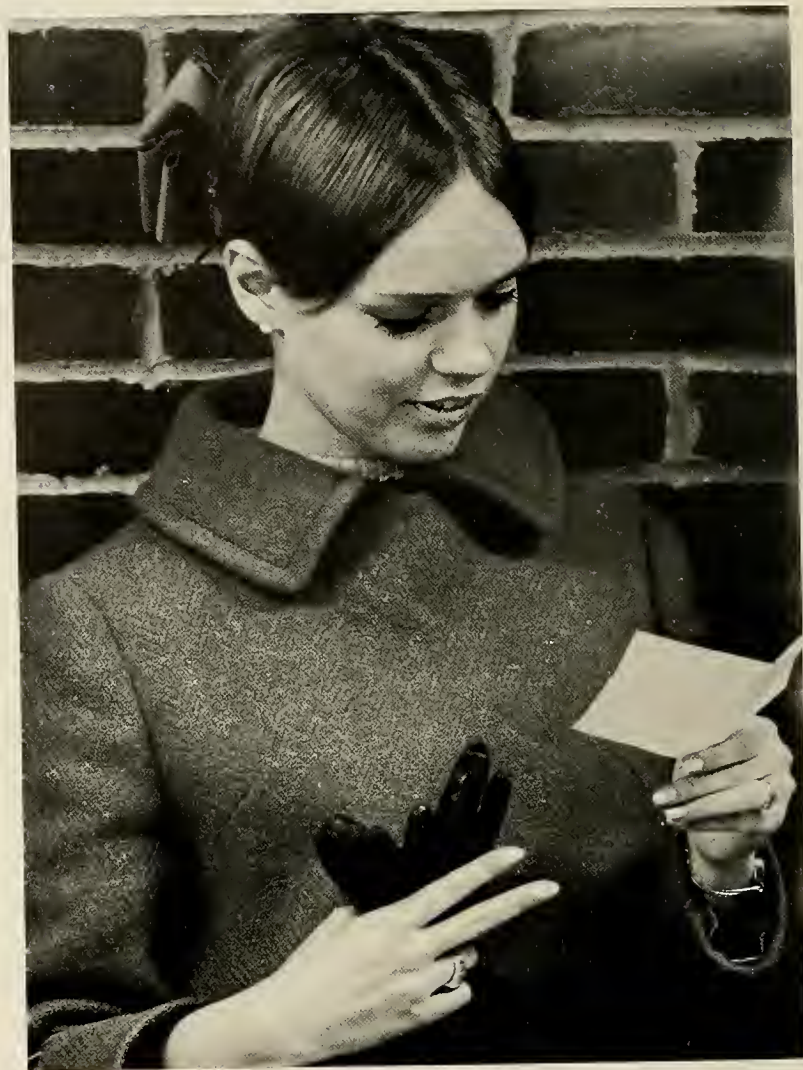


... and the quiet and tedious.





... Yet we are together and alone ...









I.F. signifies fraternity cooperation in that mythical period between Thanksgiving and Christmas work period.









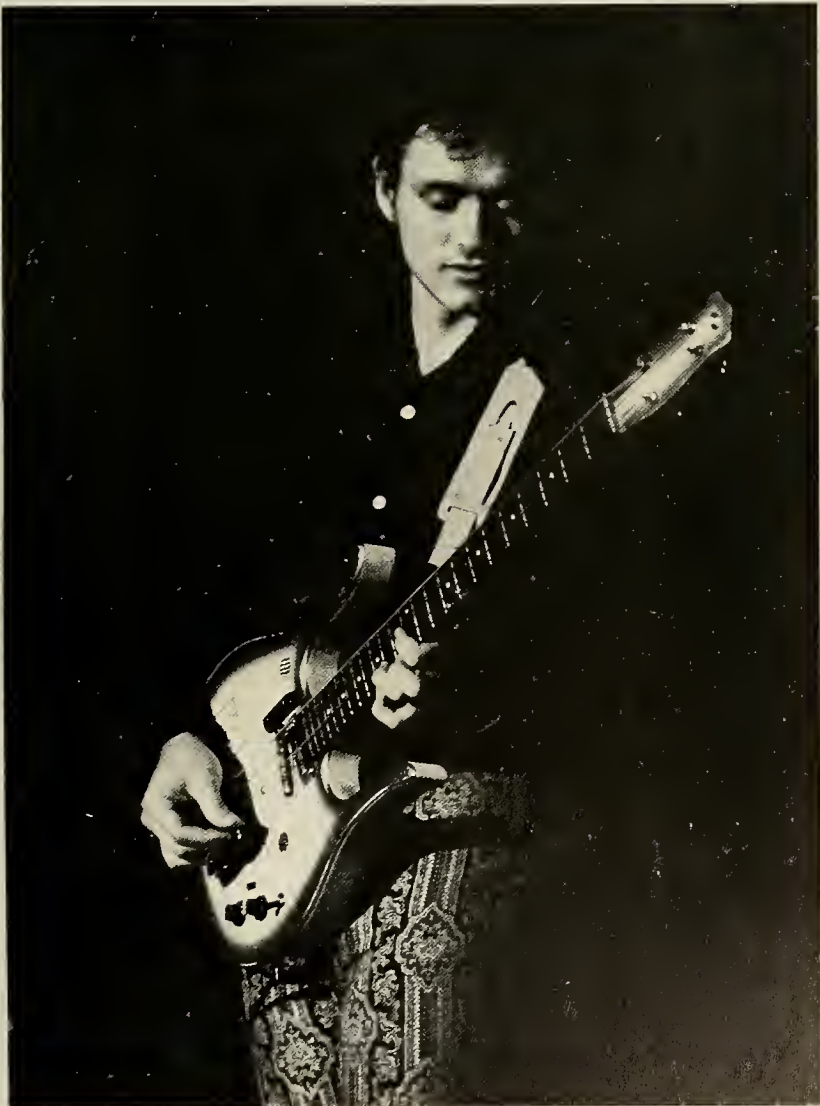
Tom Rush . . .







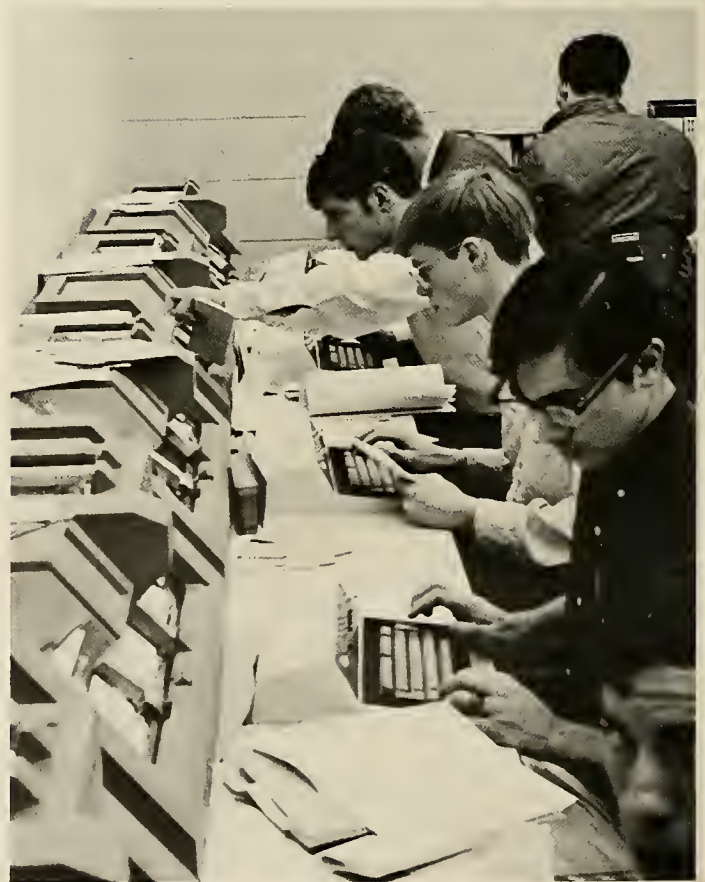
... and the Young Bloods were  
the featured entertainment.



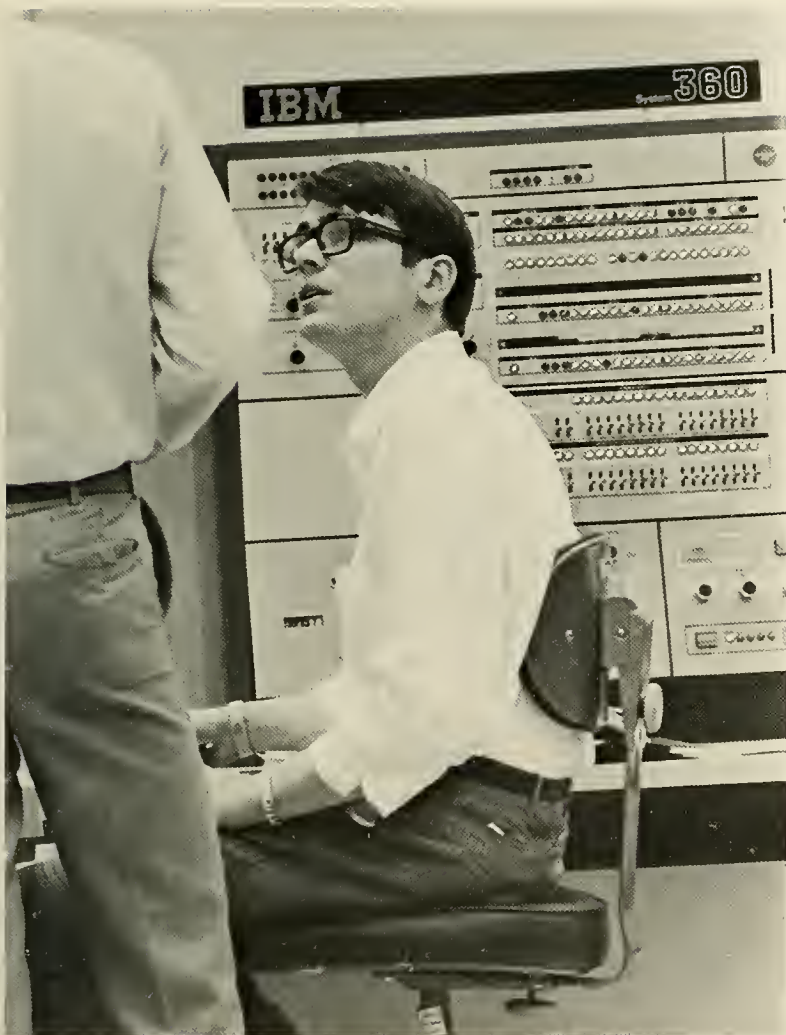




January begins a new year; Tech students are finishing the old with projects and programs that must be done.











As finals approach, the library becomes the meeting place of the minds. For some, it is their first visit to this hall of learning.

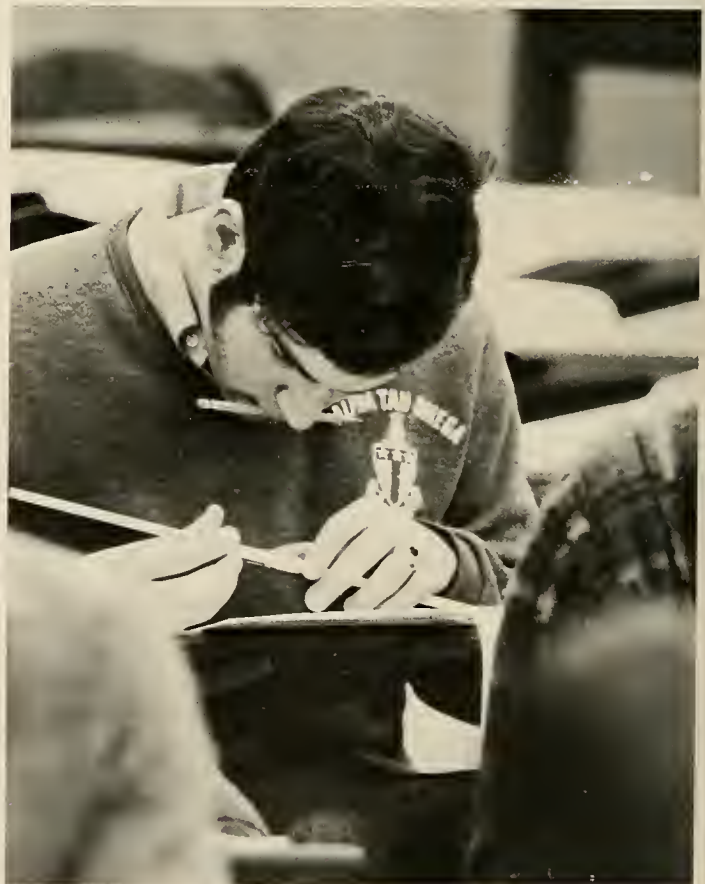
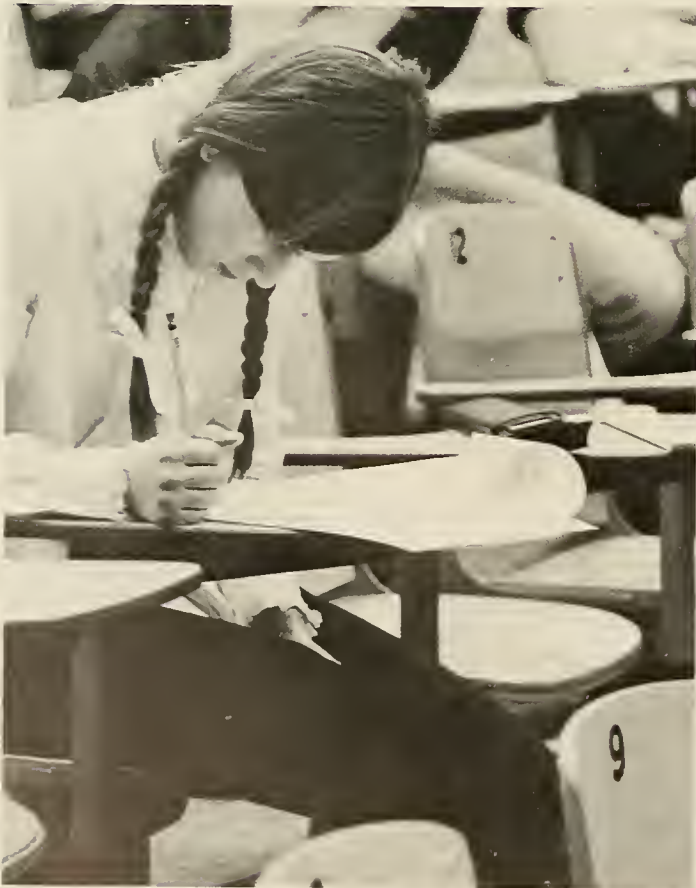




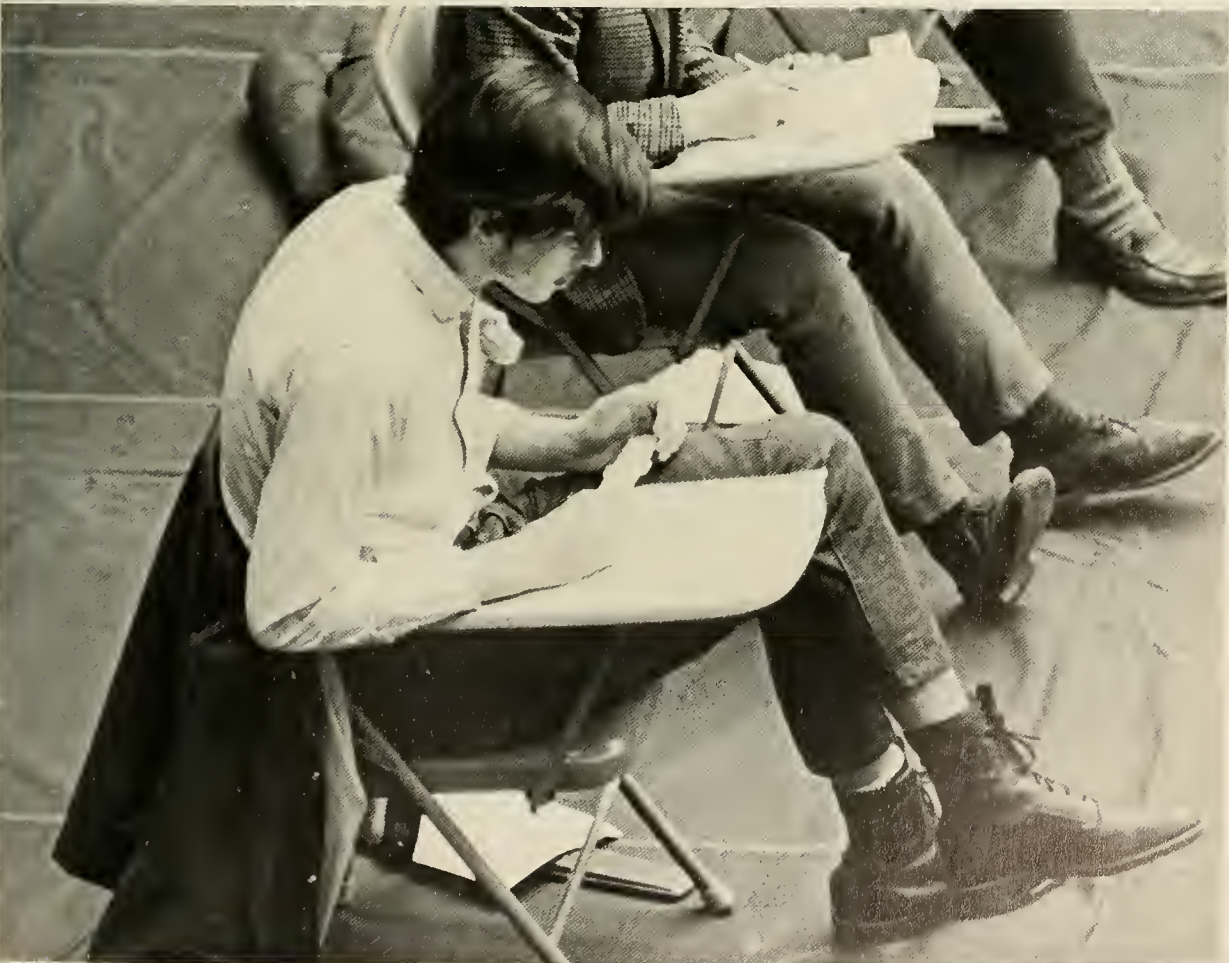
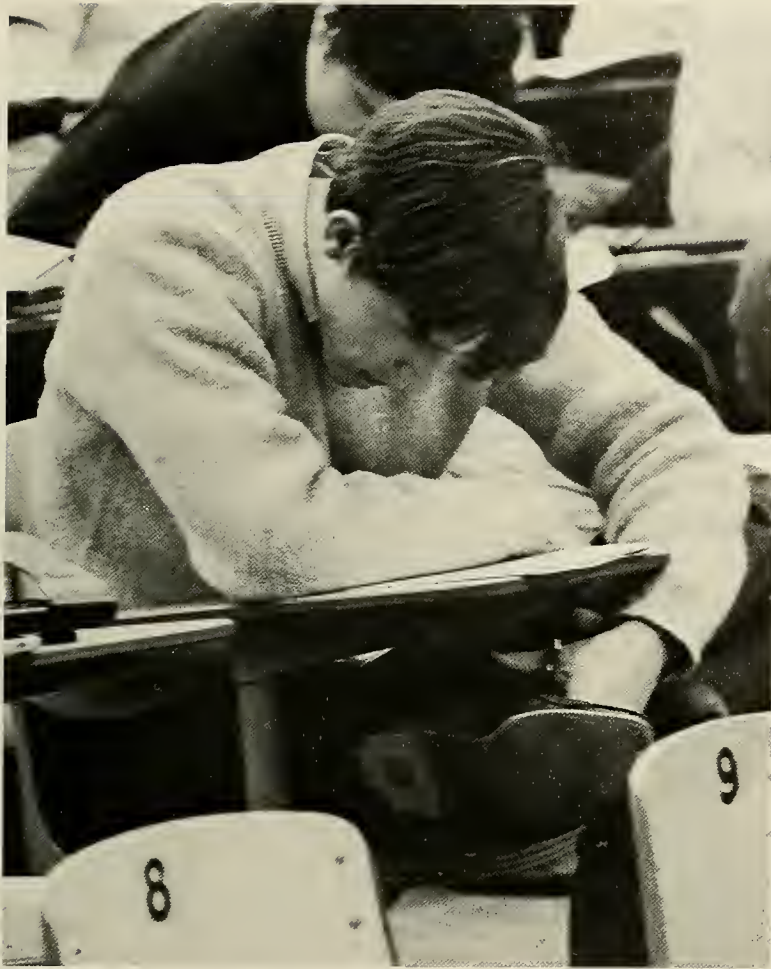




Three hours . . . an eternity . . . or not long enough?









With registration, begins second semester. The lines are just as long as first, but somehow it doesn't seem as bad. The end of the year is much closer, and starting anew is a possibility. Old faces that have been vacationing appear, asking about grades and telling of how they got screwed.









After the golden grass of fall comes the blanket of winter.











To some snow is happiness. To others it is an unwanted form of water . . .















. . . to each his own. But common to all is the question, "How much snow does it take for the Institute to call off a class?"











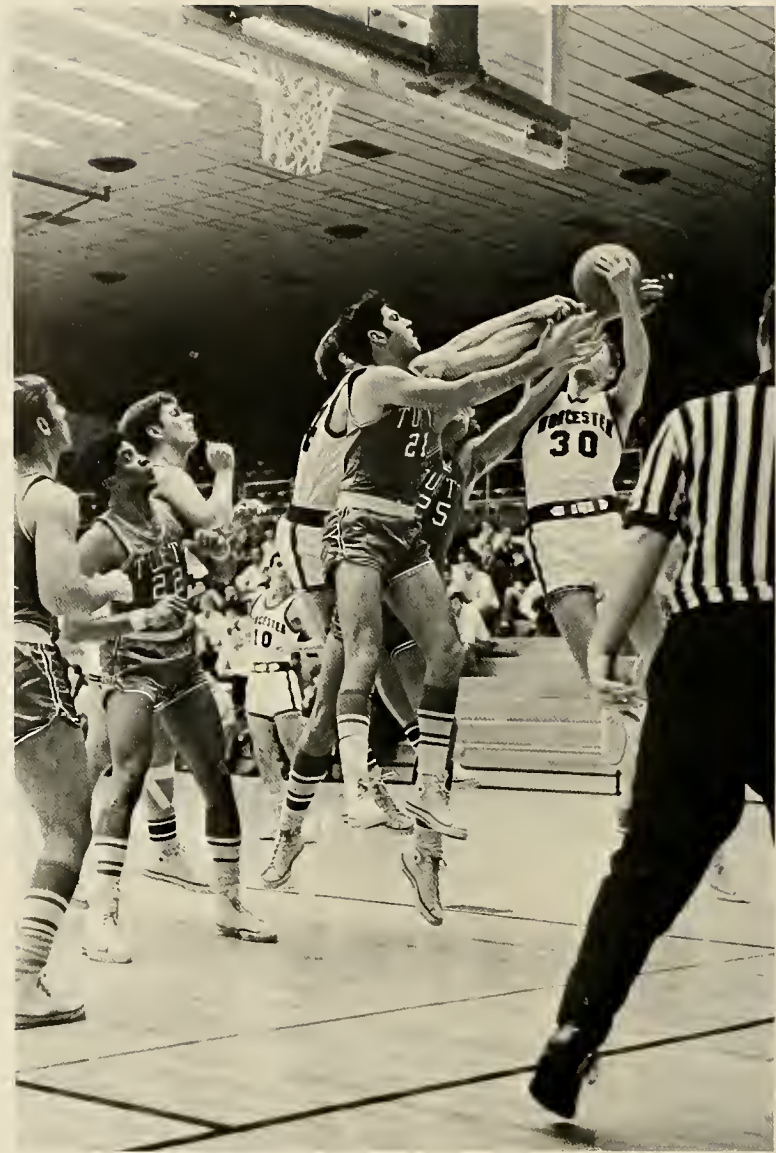




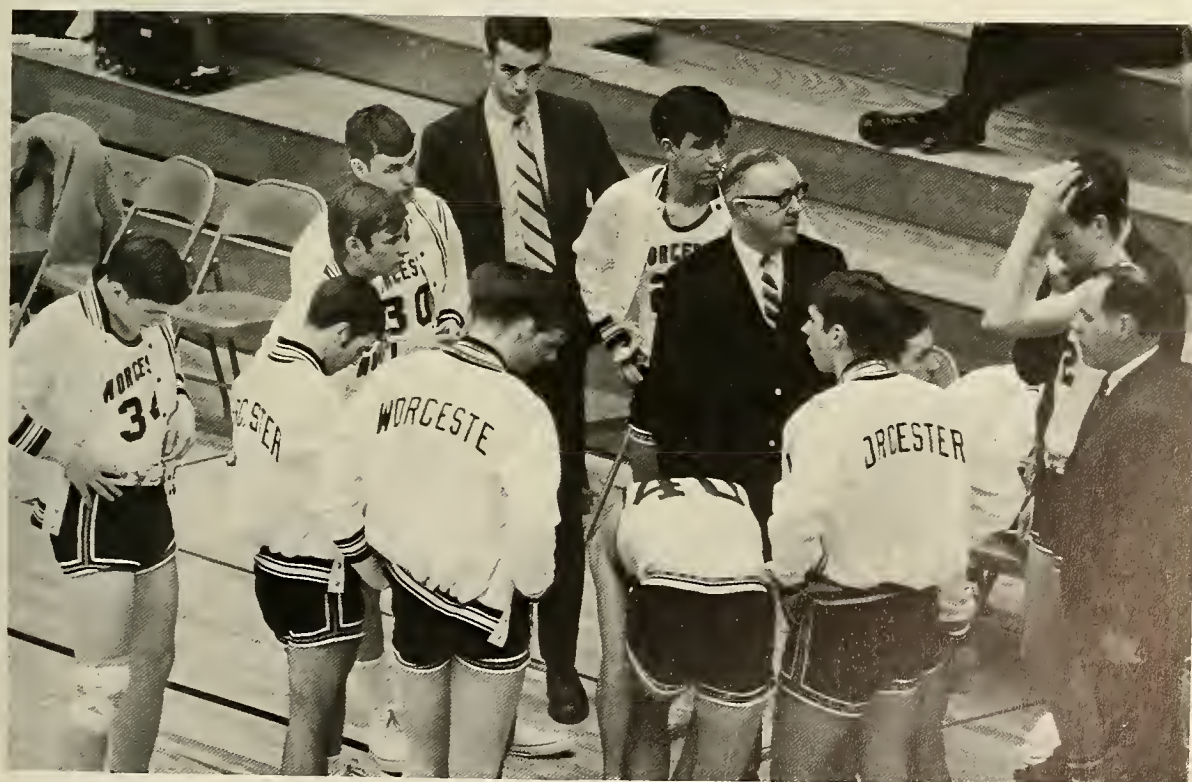


Four years of work ready us for that all important interview; leading to a job, and our place in society.

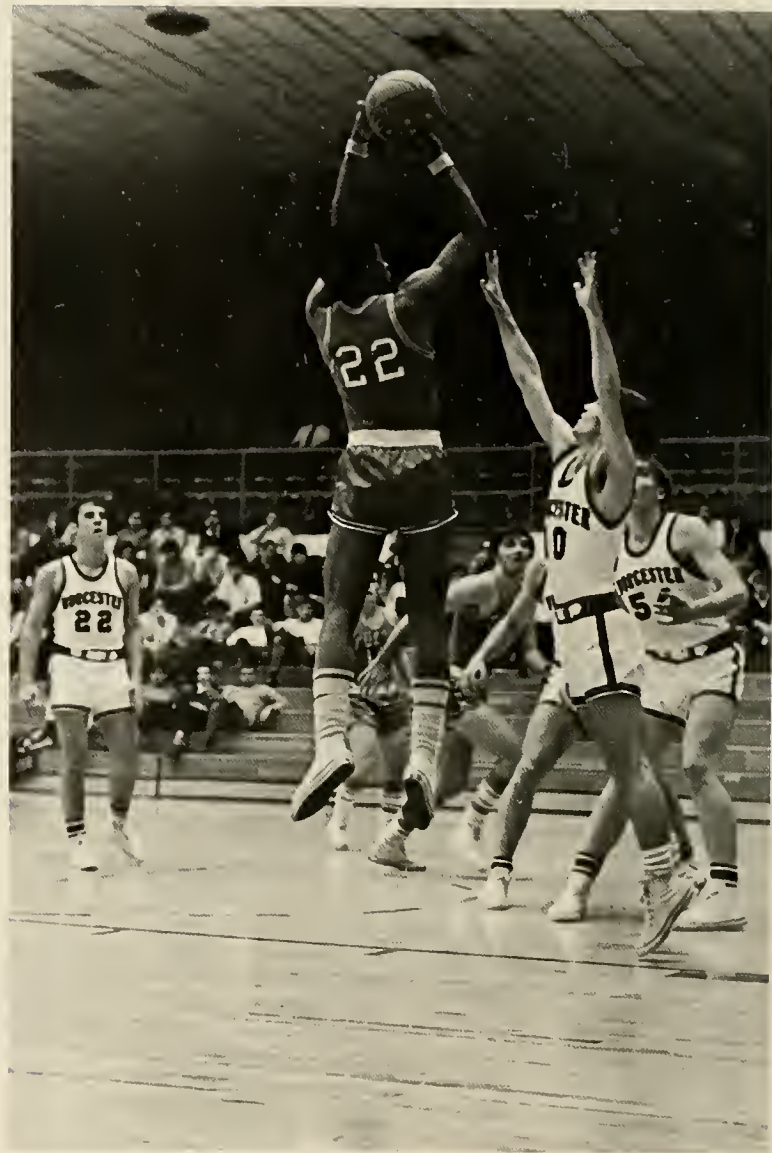




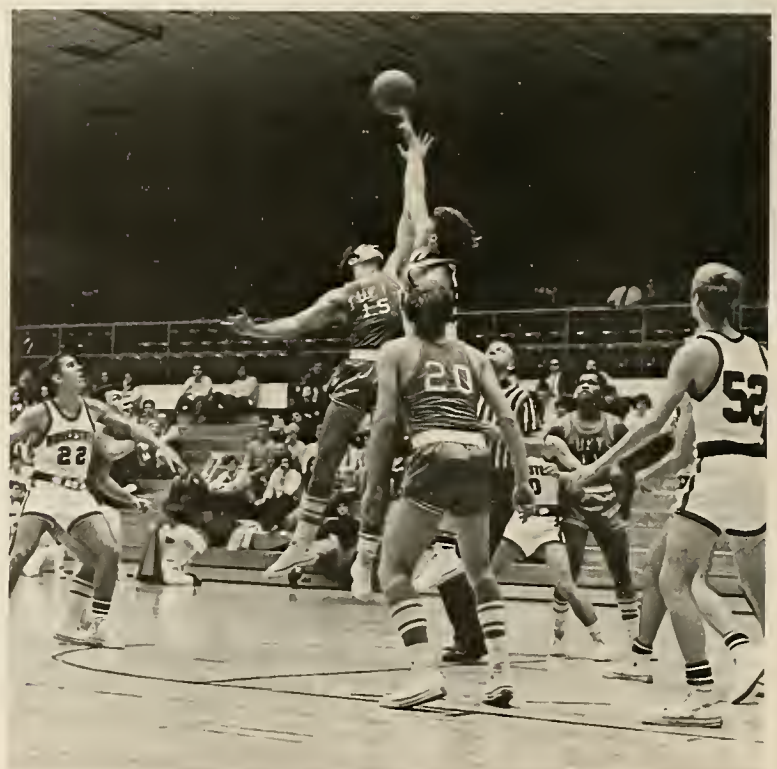








Basketball is a game of height and ability. What a team lacks in one it makes up for in the other. What it lacks in both it makes up for in desire. But the team with the most height and ability will usually win.







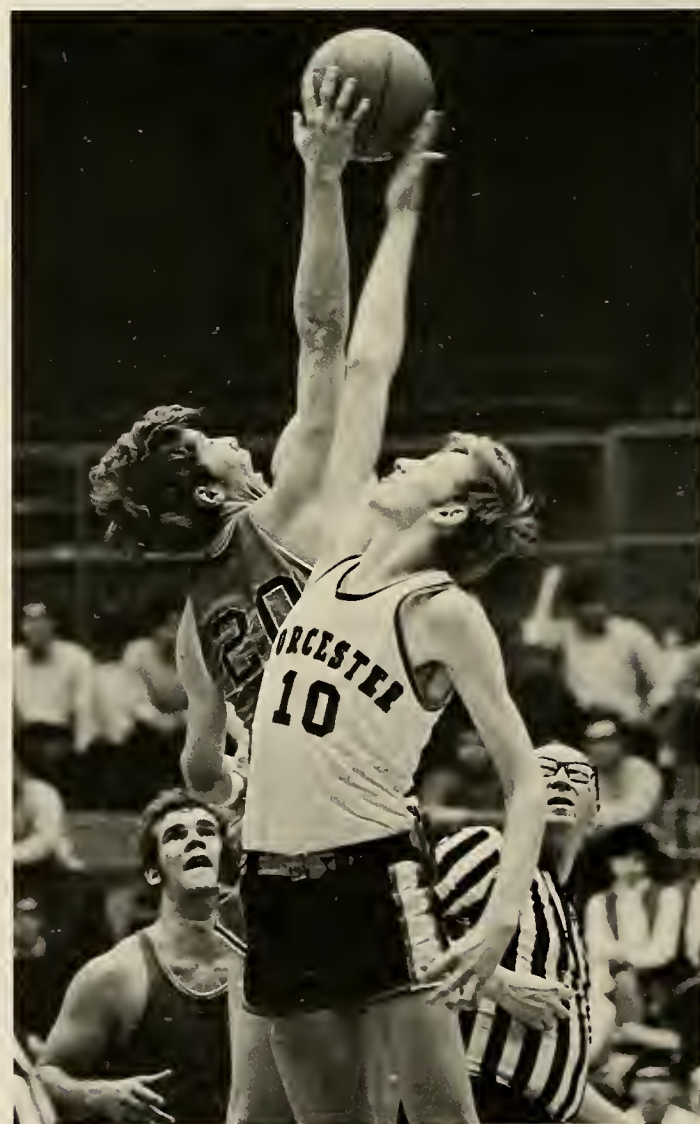




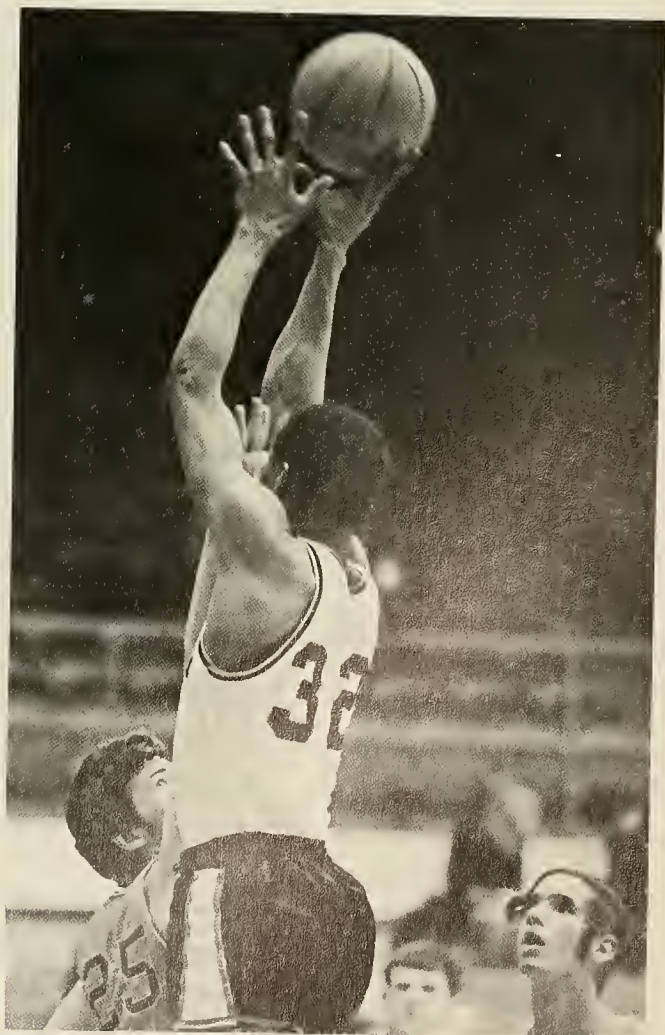






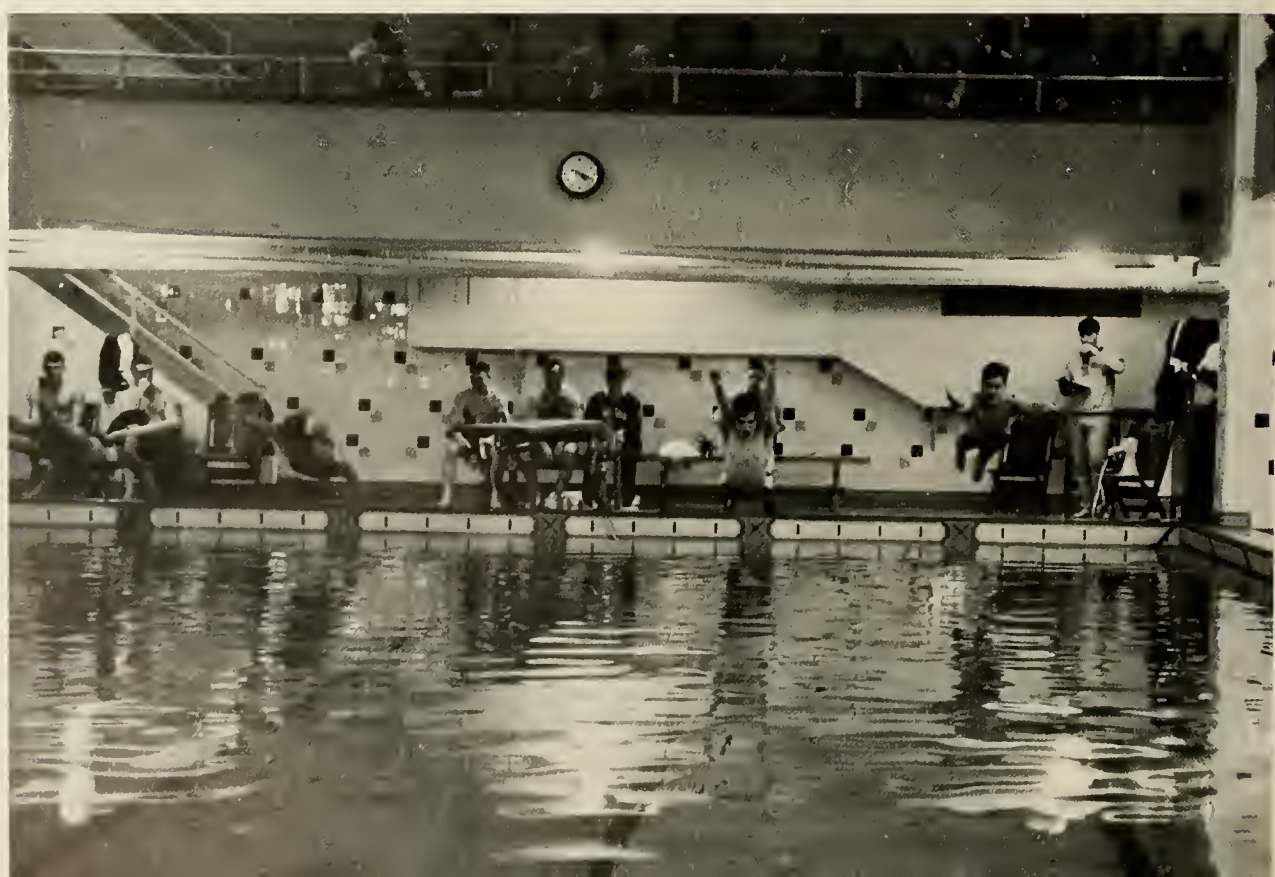




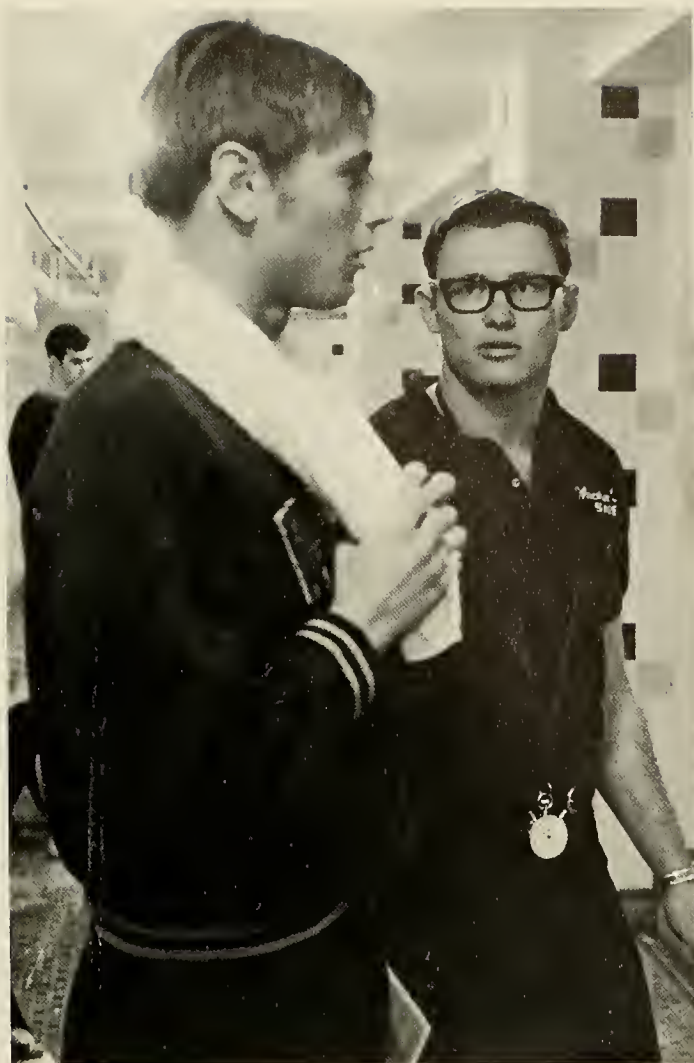
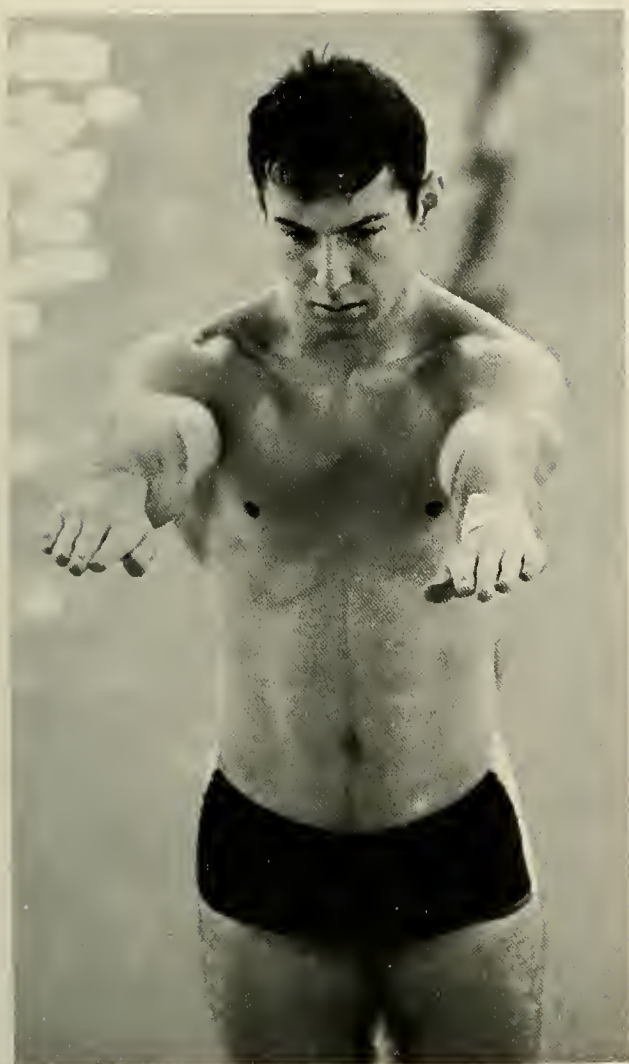




Man plays and competes in many  
strange environments,







. . . here his only enemy is the clock.





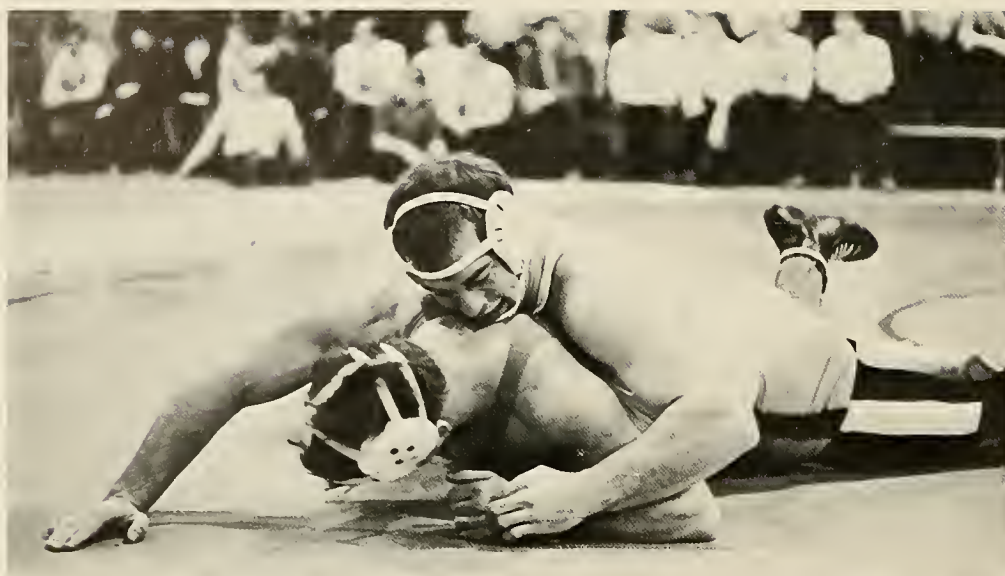
An experienced coach, a supple and pliable body, each ounce of flesh muscle, quick reflexes and superb conditioning are qualities needed in this most ancient of sports.







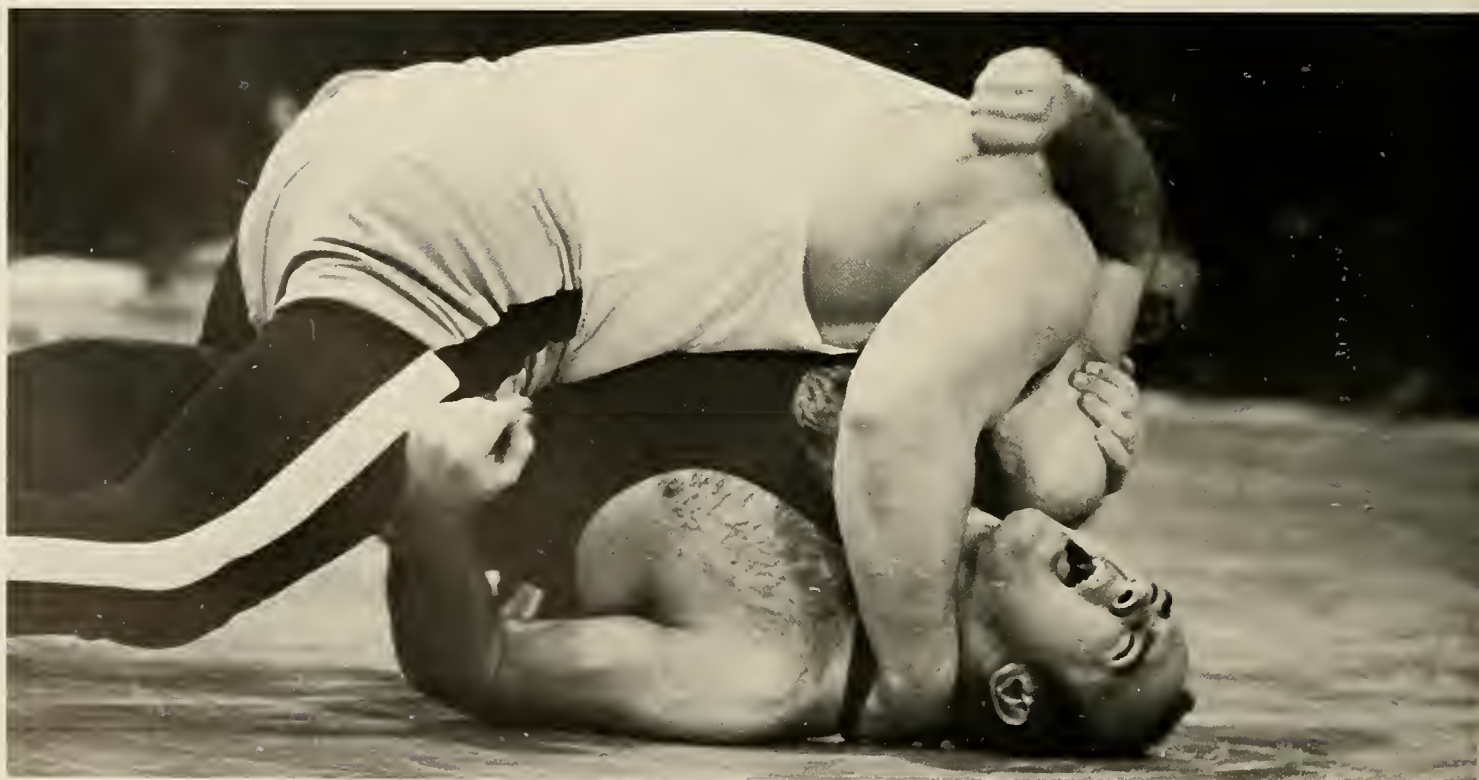
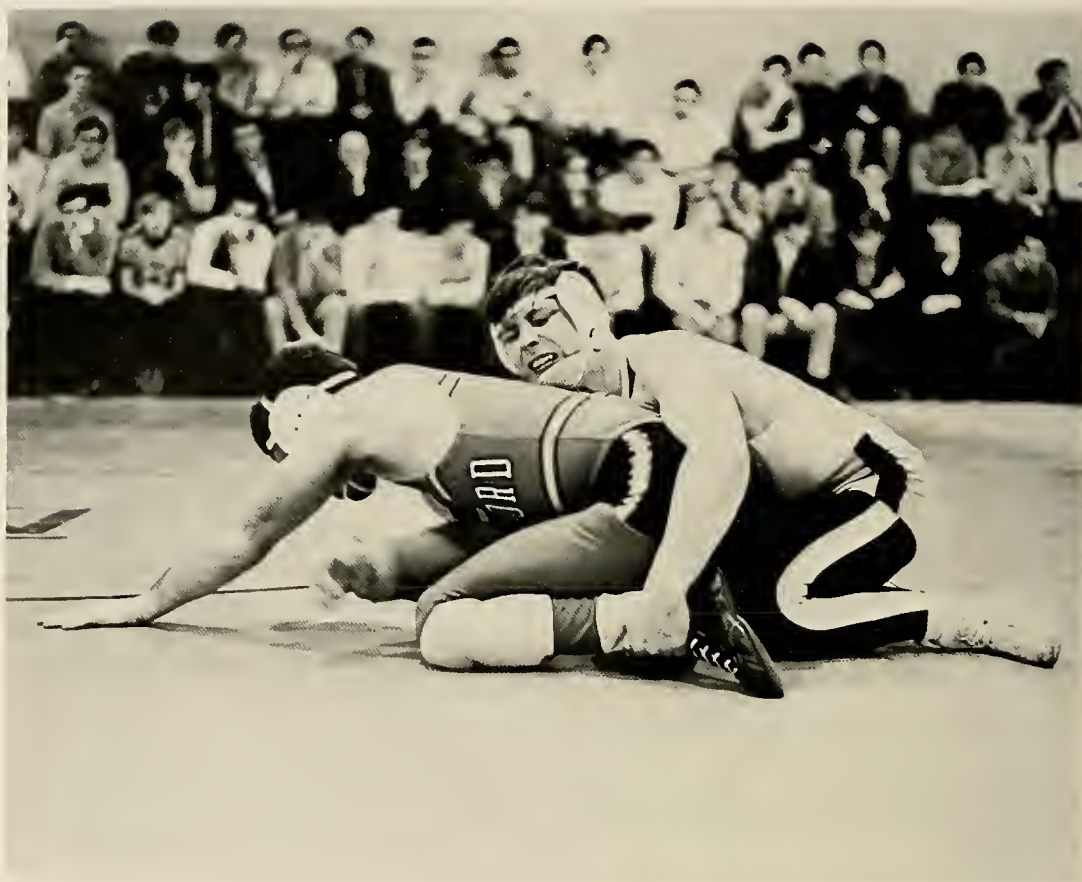




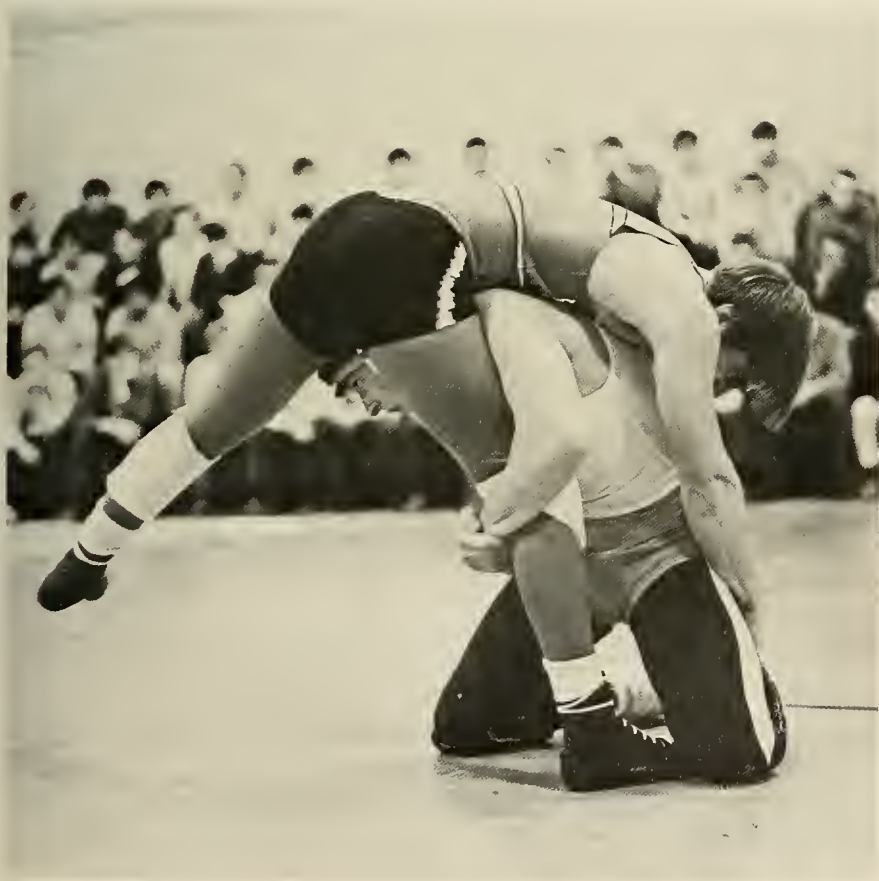
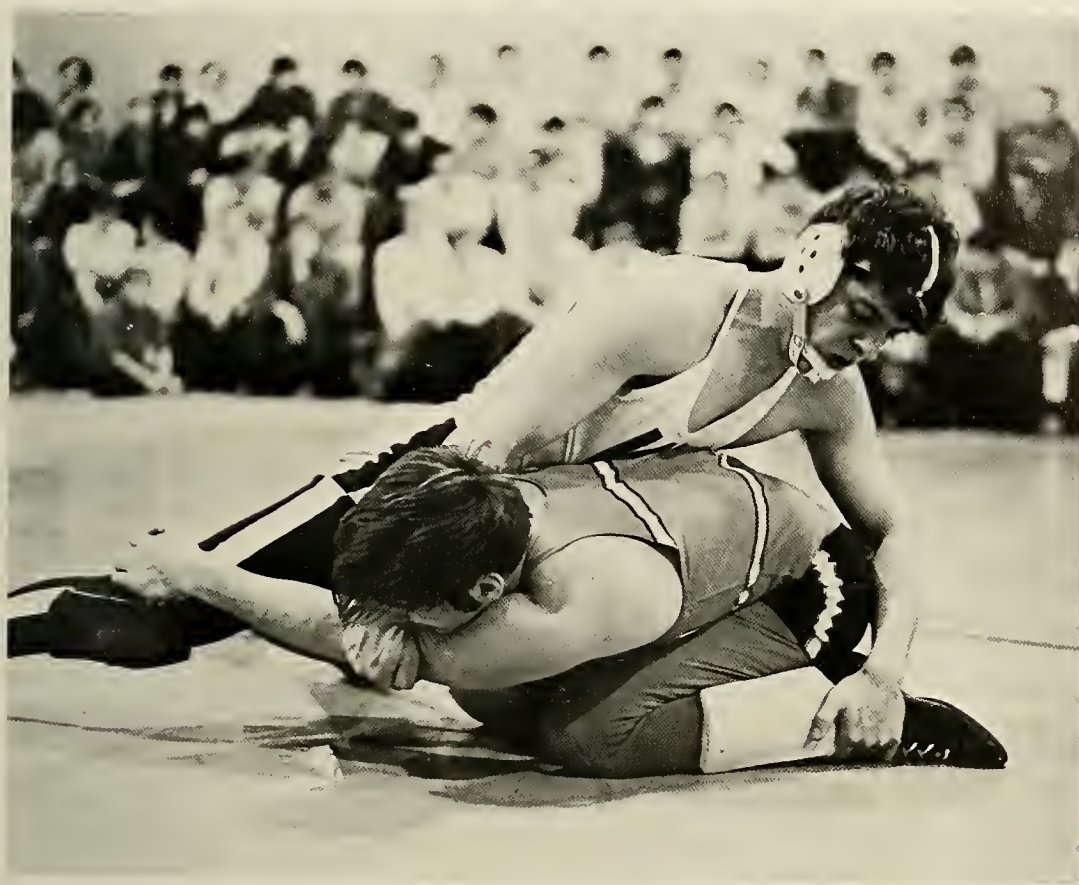




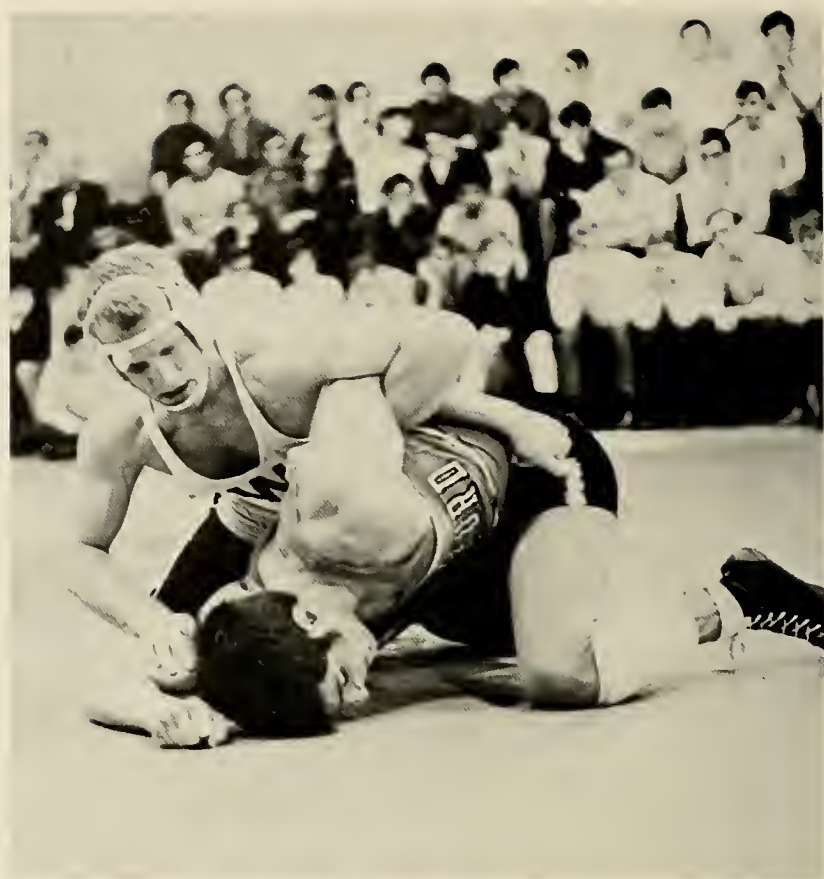










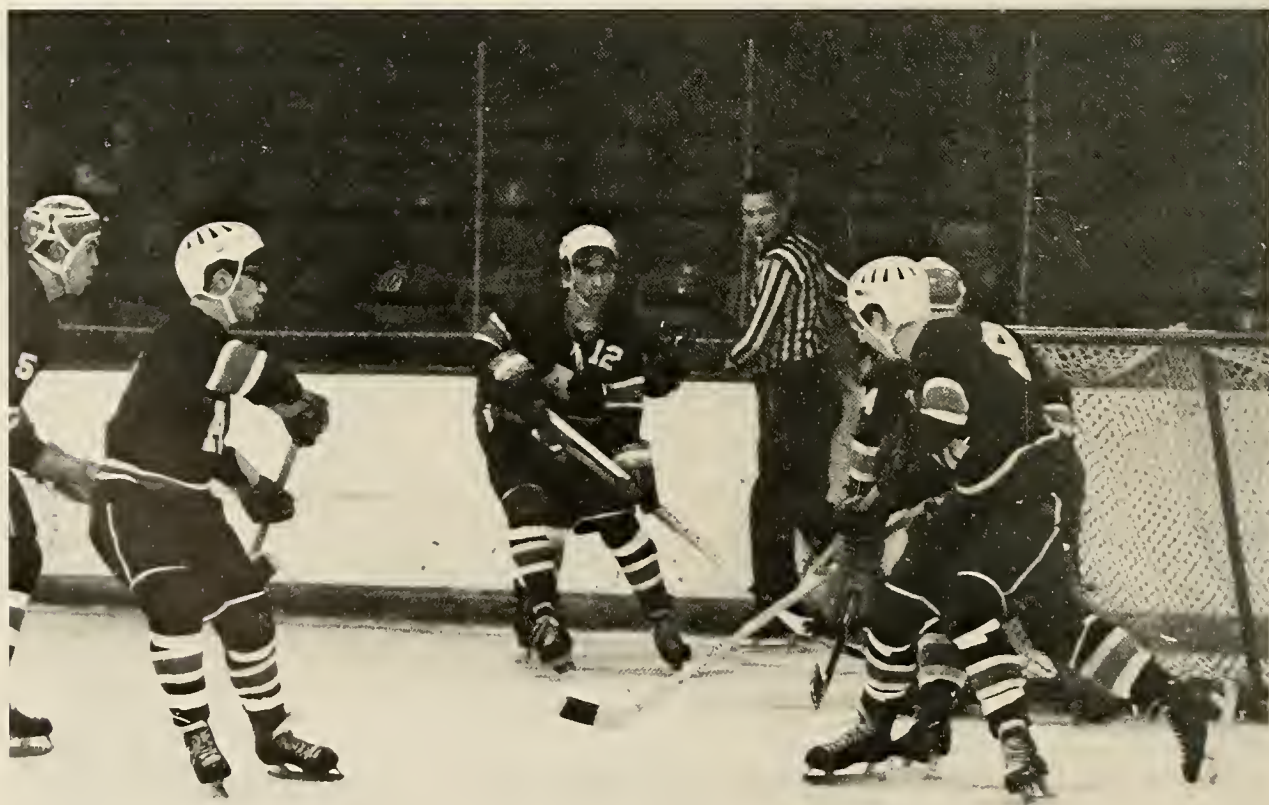








Hockey, slashing sticks and crushing checks. All the work, sweat and pain, but unfortunately, the great unwatched.















At the close of an athletic season and the beginning of the end of winter comes Winter Weekend.

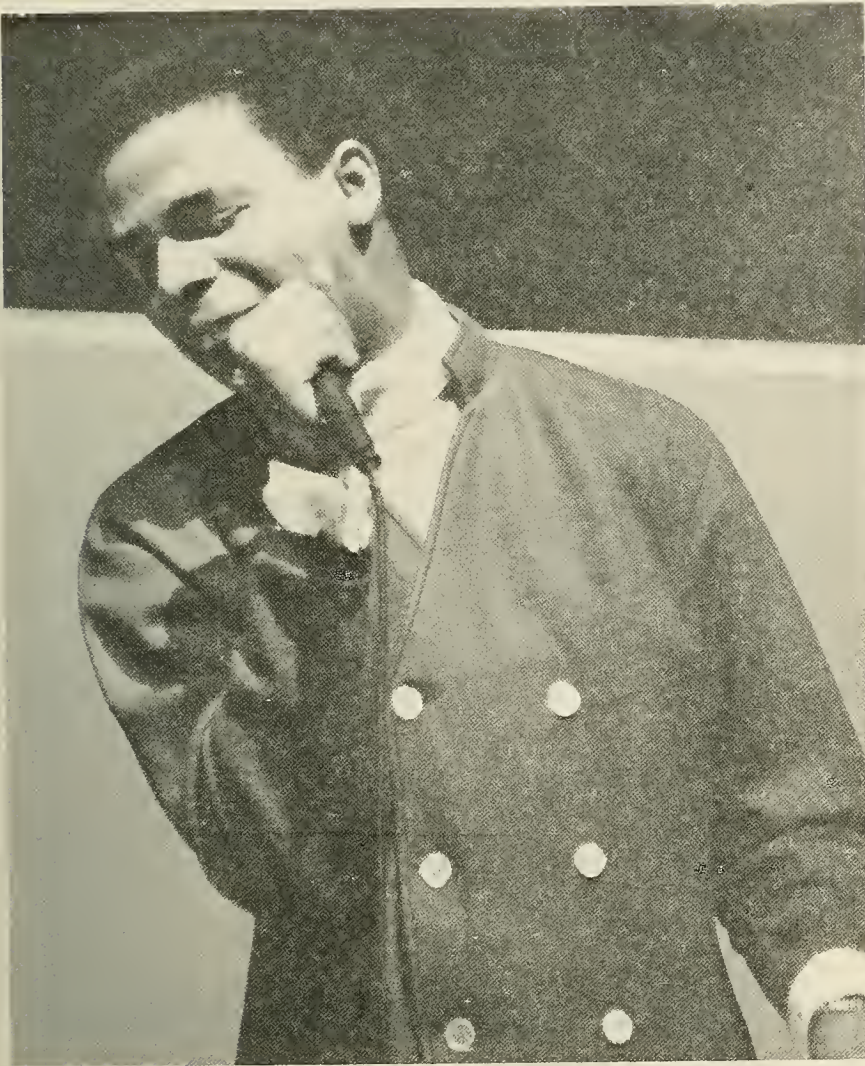




Like unto other weekends the campus puts on a new face of no Saturday classes and entertainment.







This weekend brought Sam and Dave and the Proposition to the campus to create an oasis in a sea of snow and sculptures.



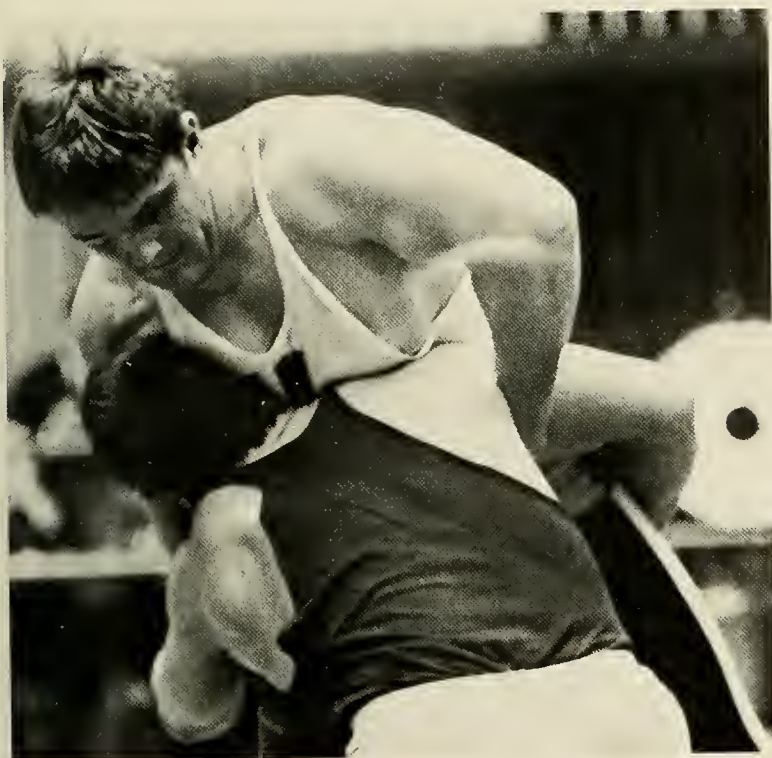




New England wrestling can,  
for Tech Students,







be summed up in one name:  
"FRED".









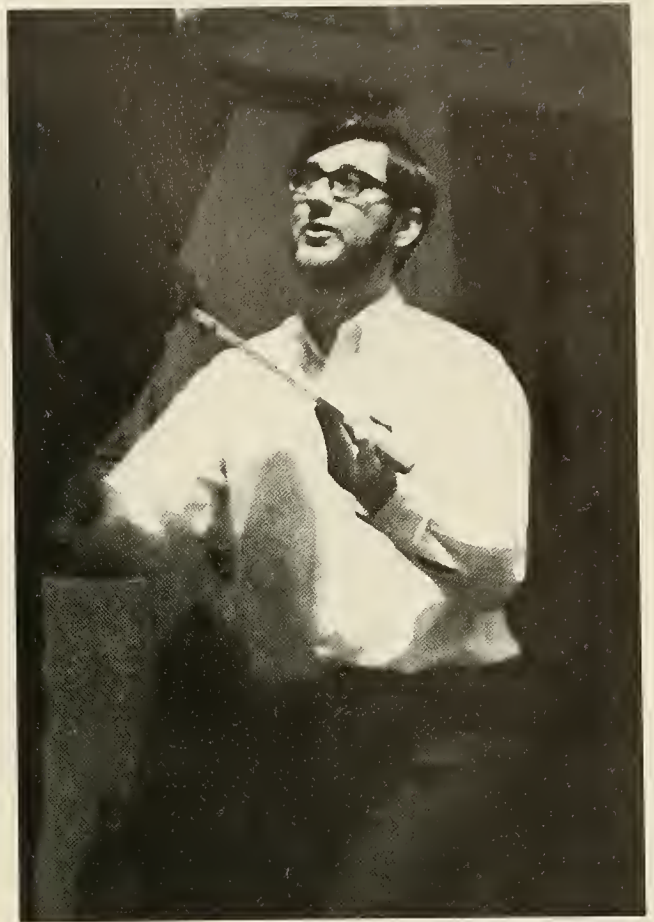




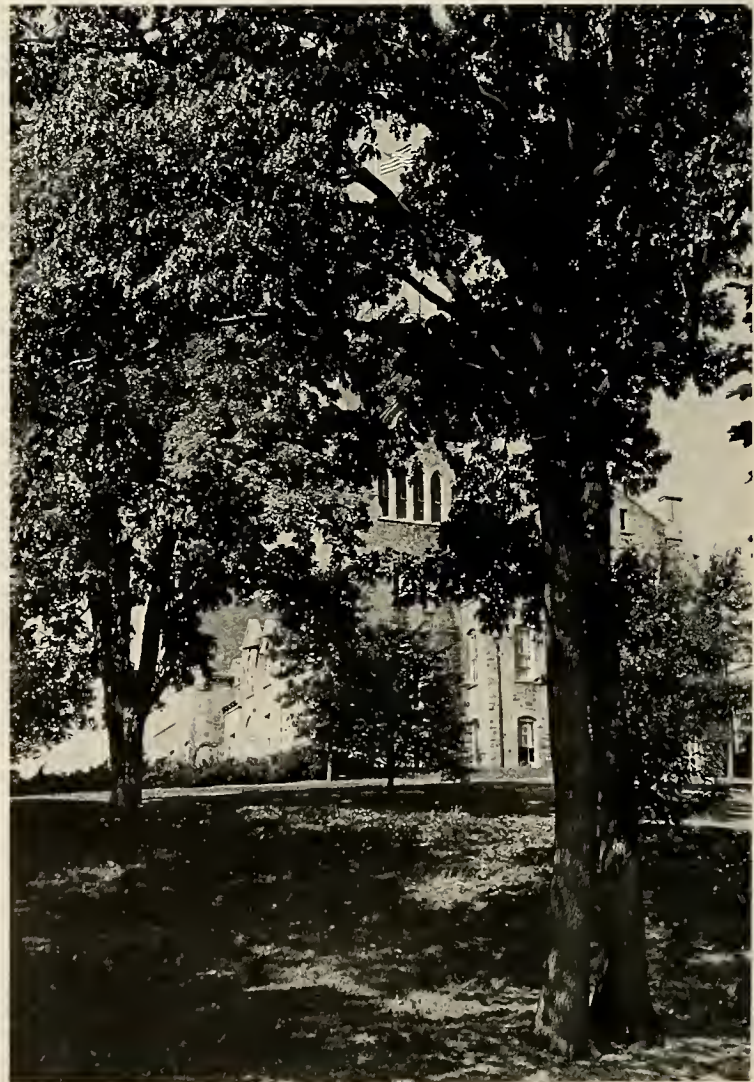
... dignity lies in deserving  
honors not in possessing them. . .









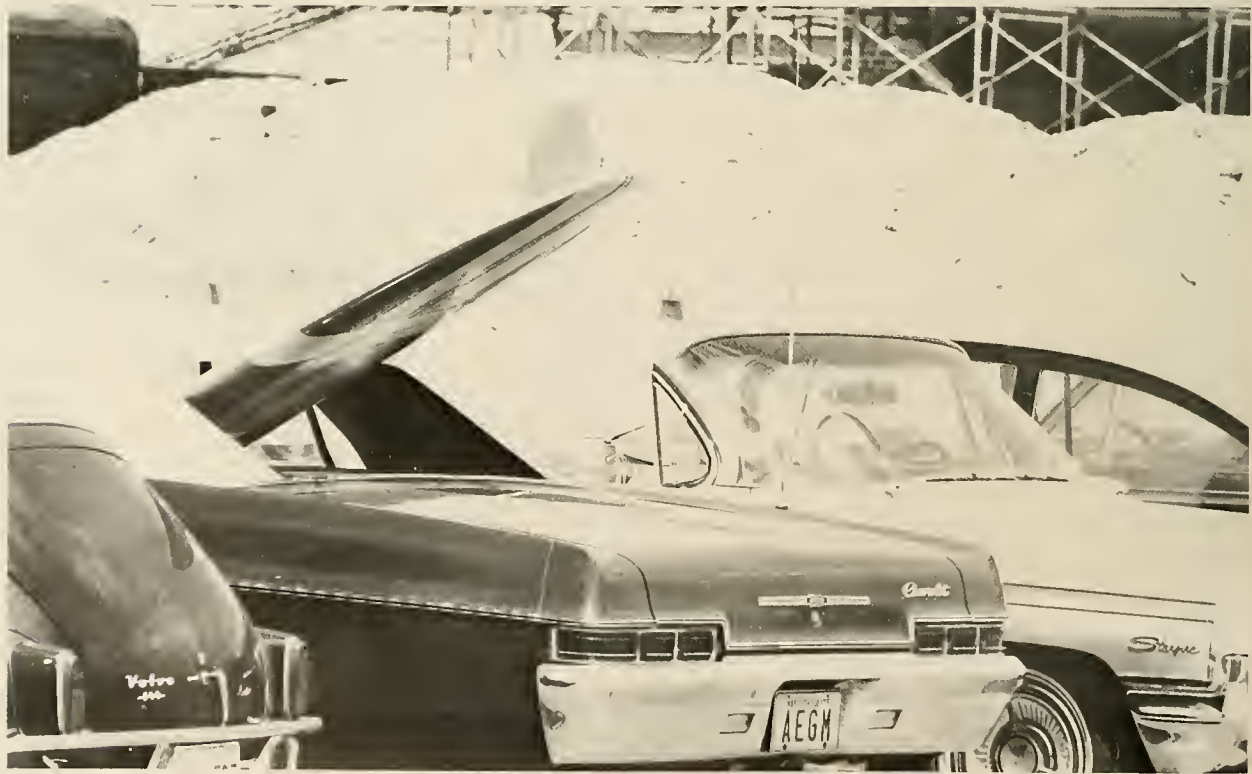






In the spring, the flowers bloom, the grass trades its white blanket for a green smile, and the trees bud.





The country side and the campus blossom with new life. . .both in-  
animate. . .







. . . . and animate.

















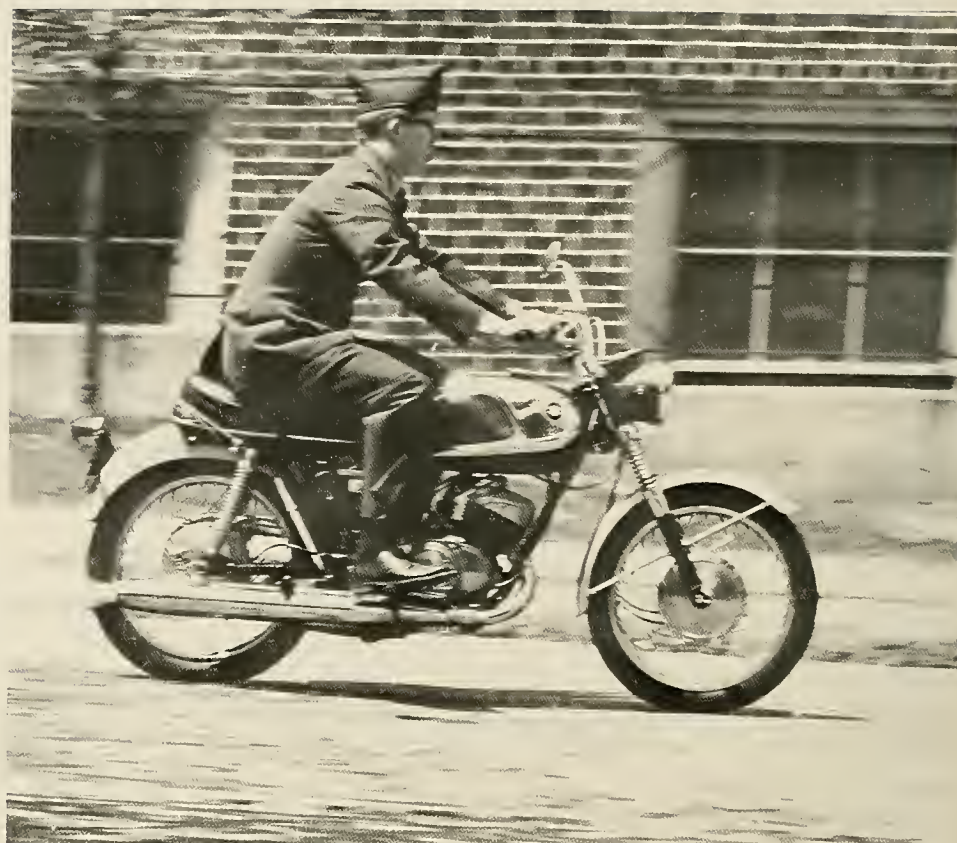








On Saturday, one is free to choose how he spends his day . . . that is after ROTC drill.





But with final review we know the end  
of a school year is close.

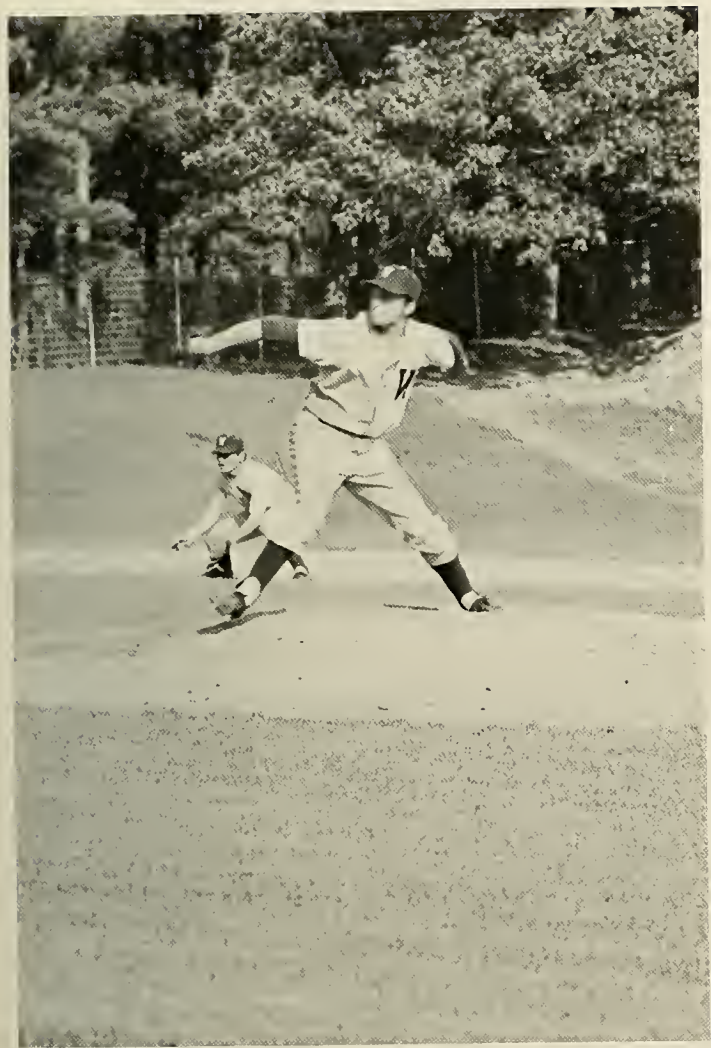




Baseball is said to be a sport of running, throwing, hitting and thinking. It has, in common with all sports, thinking.











Thinking is the reason for playing all sports. For what is life but thinking. "As a man thinketh so is he."















The crew has come a long way. . .from borrowed boats to the Rusty Callow Trophy. Hard work, year 'round conditioning, desire. . .has brought this about.







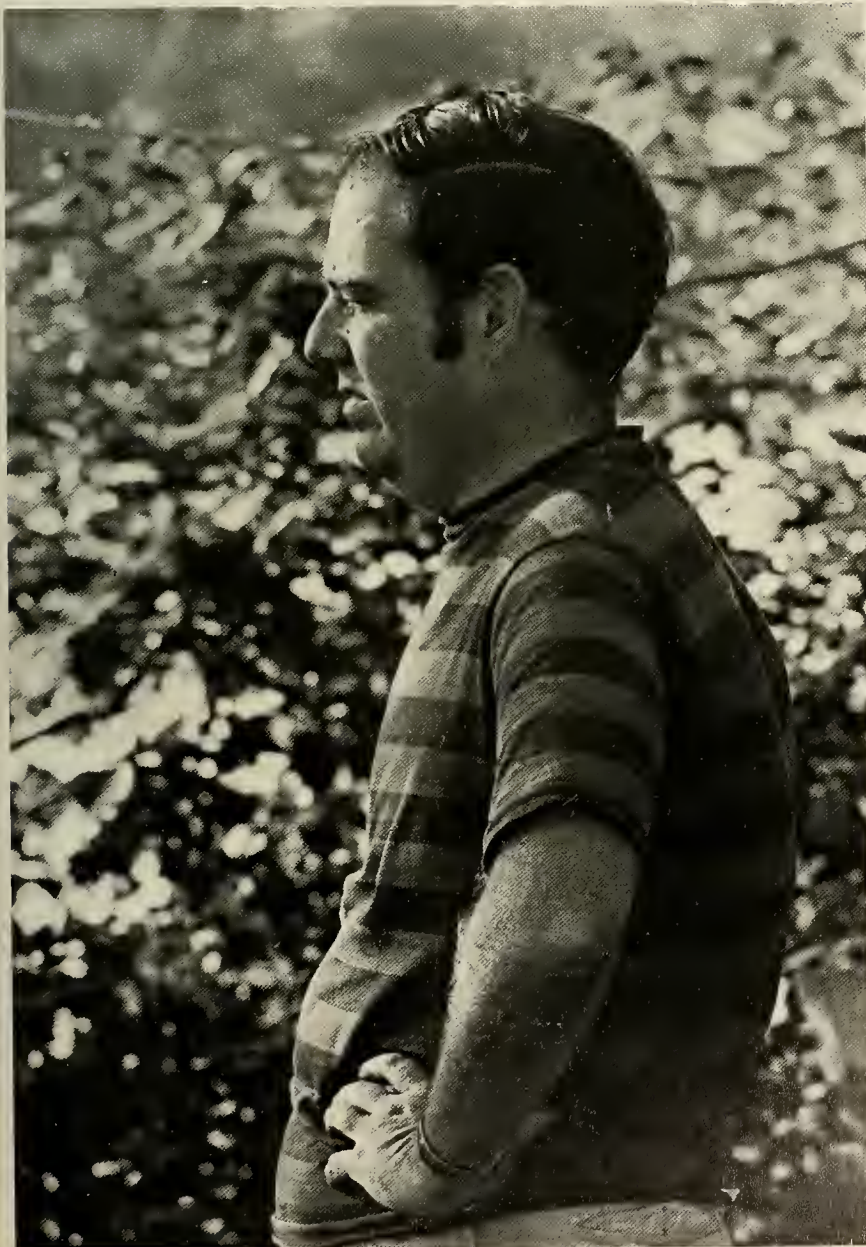


Crew is a sport of timing, endurance, teamwork. . .where six and a half minutes of rowing can be a life time.











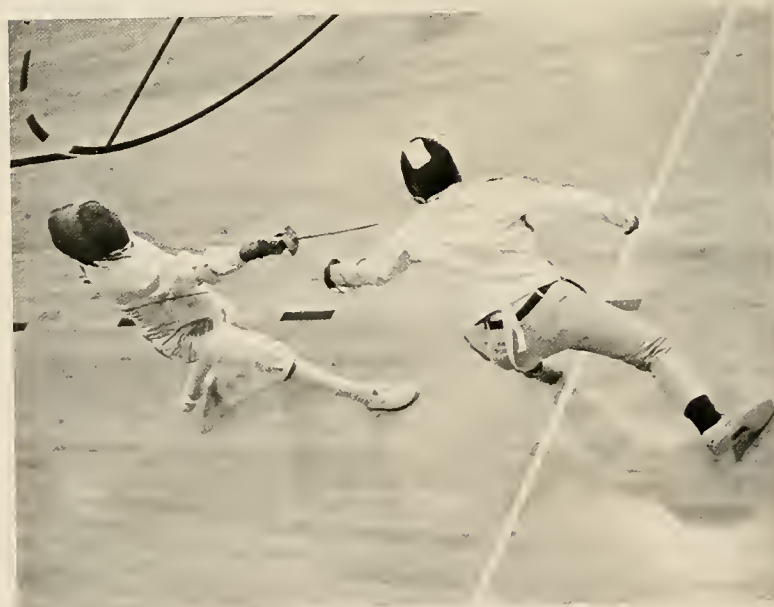
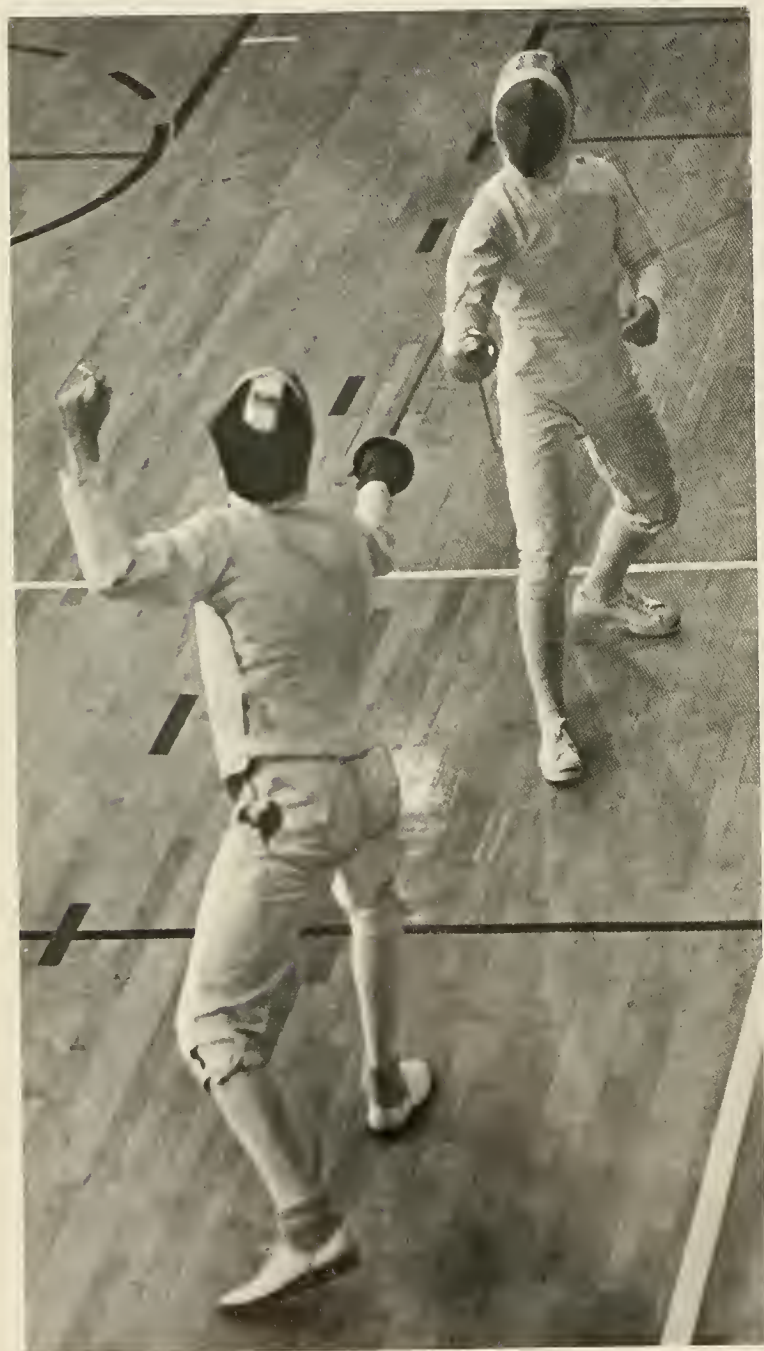




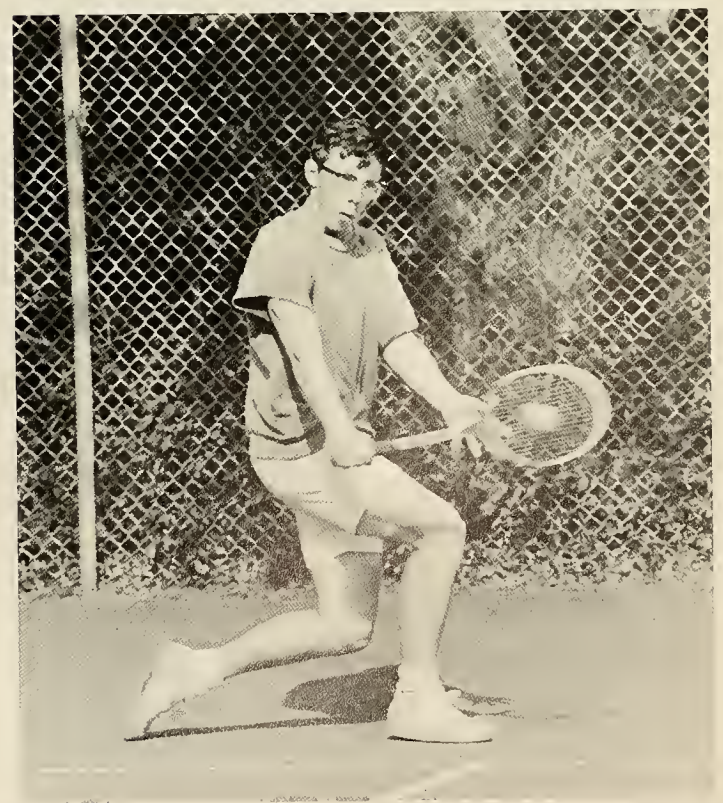
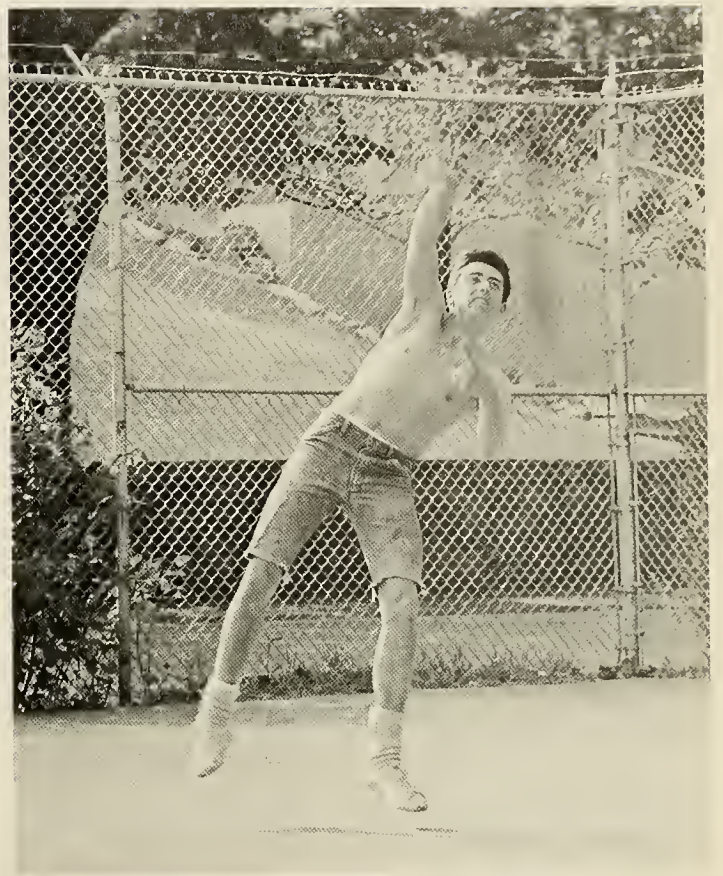




Although some minor sports have become major, some are still little known and little followed.



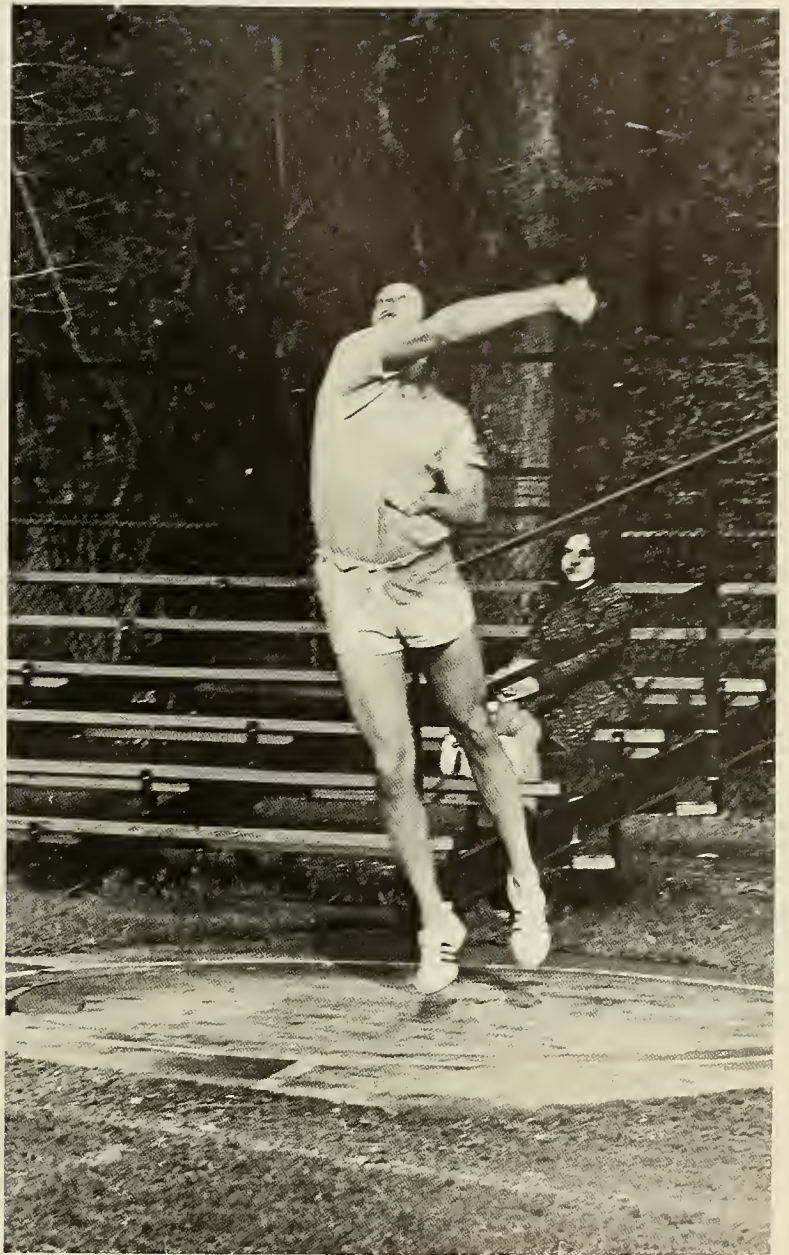












Track is a sport of  
individual efforts . . .





. . . team success is the sum of the  
opposing individual's efforts . . .







. . . the result can be frustration  
for both individual and team.











The first full mellow  
note of Junior Prom  
is the true beginning  
of spring . . .









. . . a fresh breath of life. The campus lives with people.





The loves of spring  
blossom in the month  
of May . . .







... and germinate during  
this April weekend.

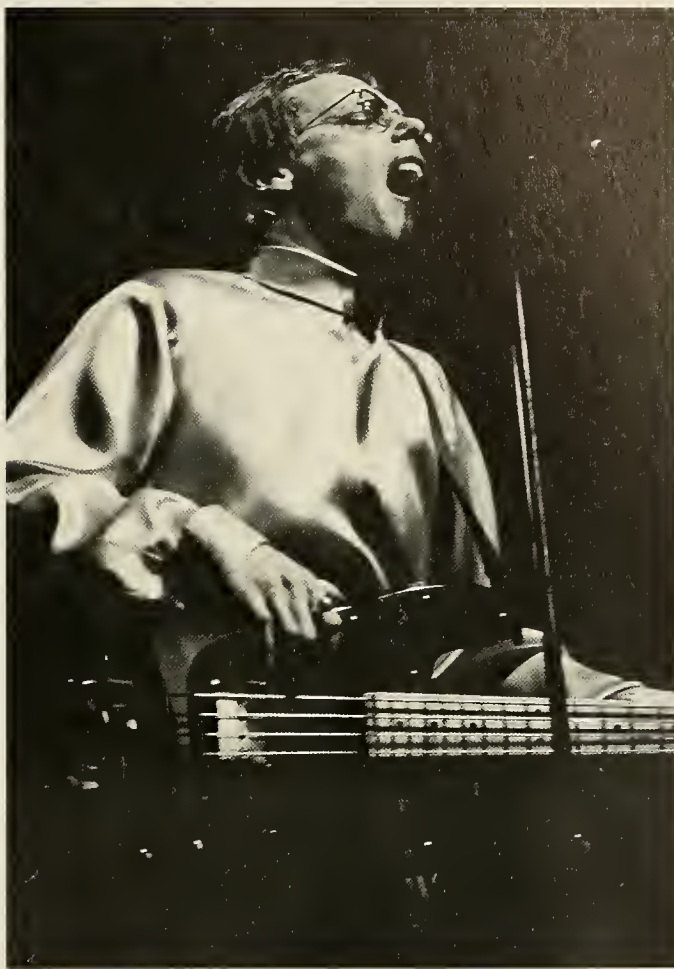
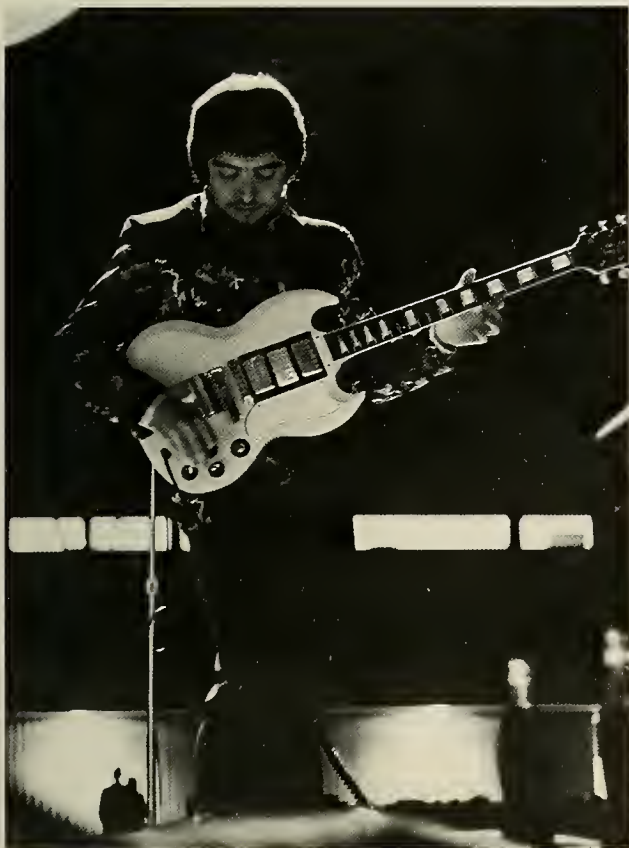






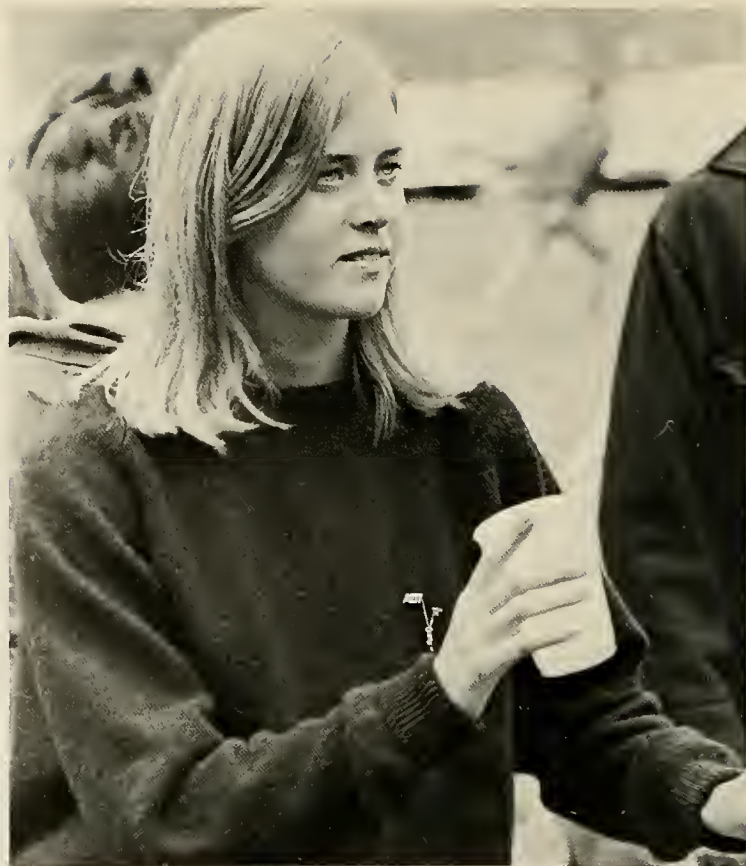


Tech again stands  
for living.

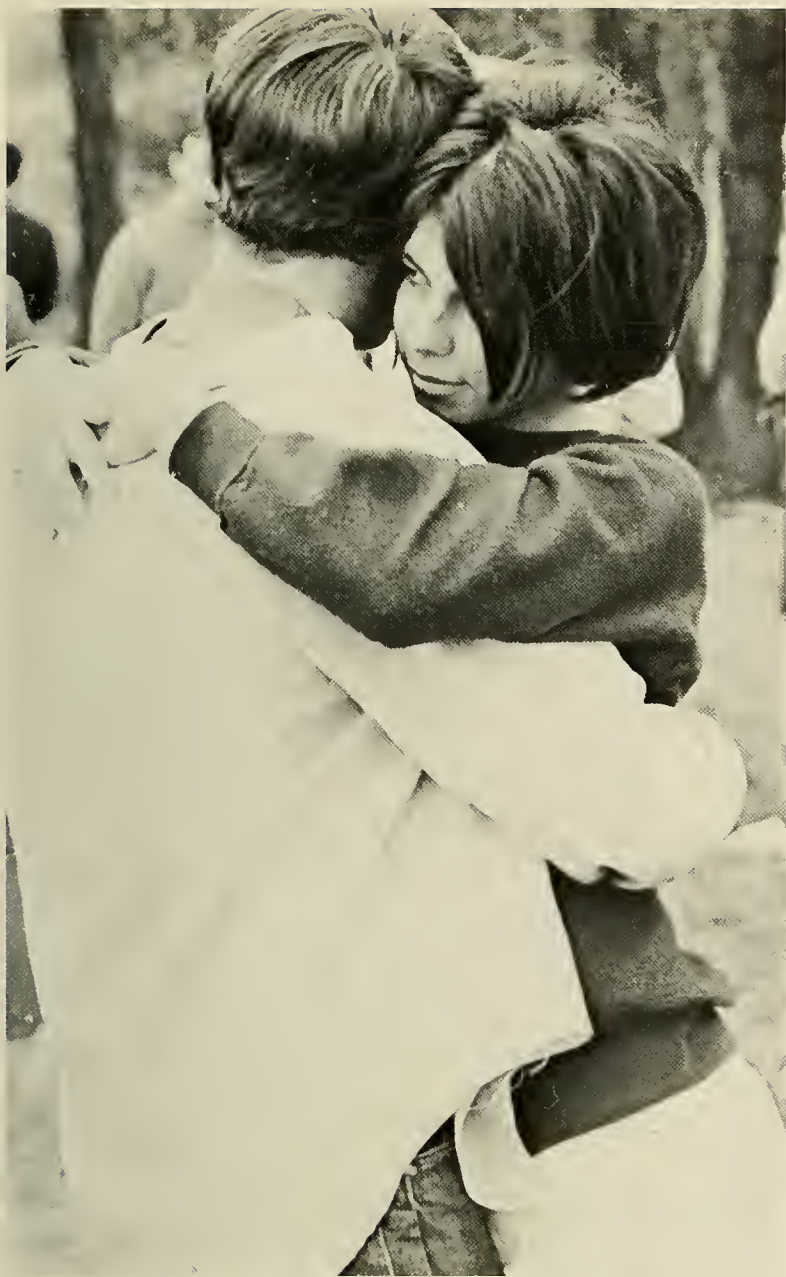




Alas, the big bash. Tau Beta Pi has released the safety valve and sent us into oblivion.





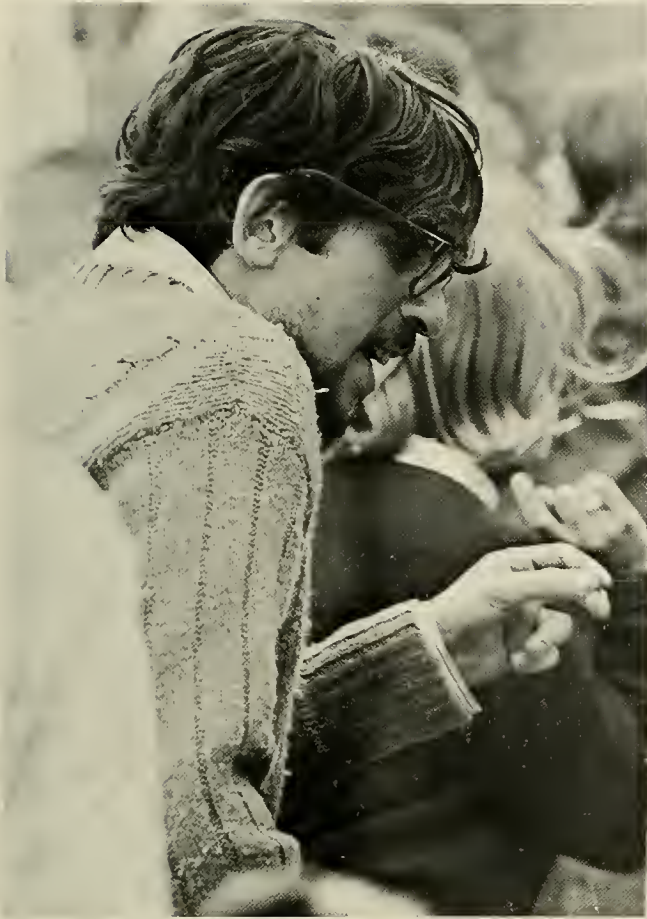




Drink; swallow your sorrows; express  
your feelings; just be yourself.















Thus, the year has escaped into history leaving only memories of what was and what has yet to come. For some of us, our dreams have turned into reality. For others, reality never was. With our knowledge and all our education we say, "Tute, Thank God we're out."









# Administration



## BOARD OF TRUSTEES



Front row, left to right:

Francis S. Harvey, Raymond J. Forkey, James C. Walker, John W. Coghlin, William E. Hanson, Wayne E. Keith, Harry P. Storke, Robert D. Harrington, George W. Smith, Jr., Robert W. Stoddard, Paul S. Morgan, James N. Heald, II.





Second row, left to right:

John E. Hossack, E. Weldon Schumacher, Joseph C. Casdin, Helge S. Johnson, J. Norman Alberti, Richard Walberg, Charles C. Bonin, Thomas L. Counihan, Chandler W. Jones, Albert M. Demont, Warren C. Whittum, Lincoln Thompson, Charles R. Michel, James J. Clerkin, Jr., Rev. Wallace W. Robbins.

Absent were:

Earl H. Blaik, Paris Fletcher, Milton P. Higgins, Earl C. Hughes, Rev. James N. McCutcheon, Daniel F. O'Grady, H. Ladd Plumley, Rev. Gordon M. Torgersen, Harold B. Whitmore.





M. Lawrence Price,  
Vice-President and Dean of Faculty



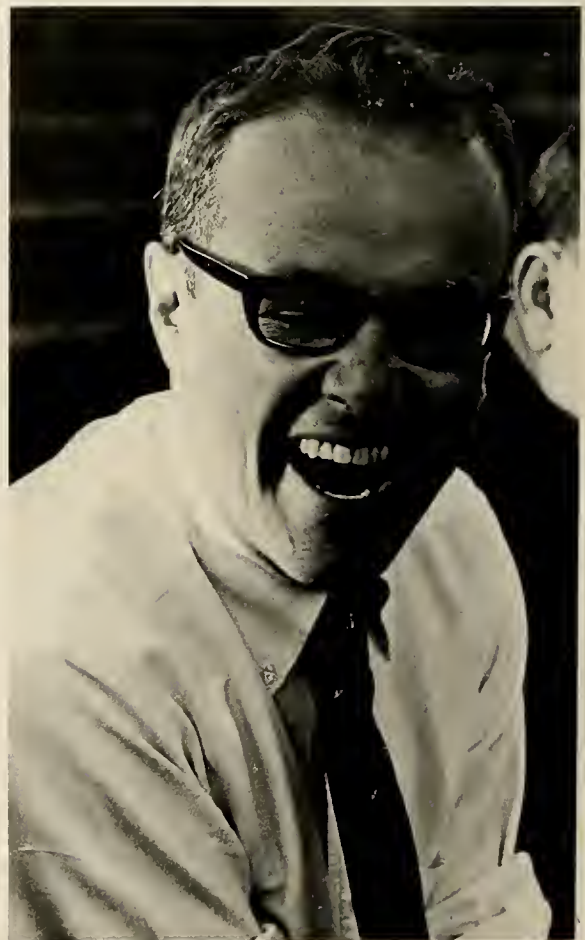
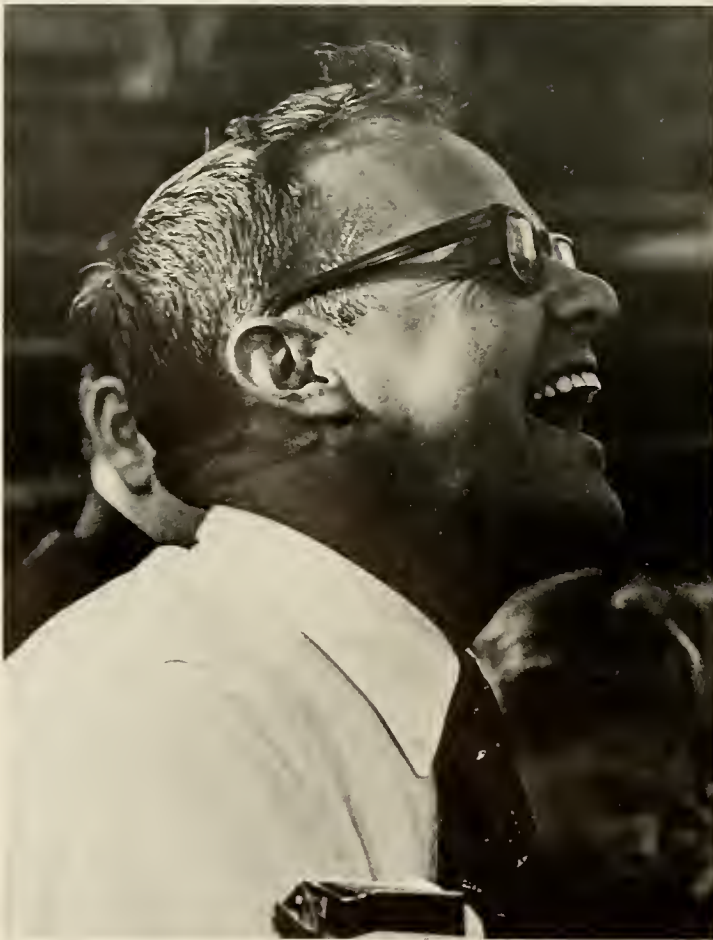
Dr. Edward N. Clarke,  
Associate Dean of the Faculty





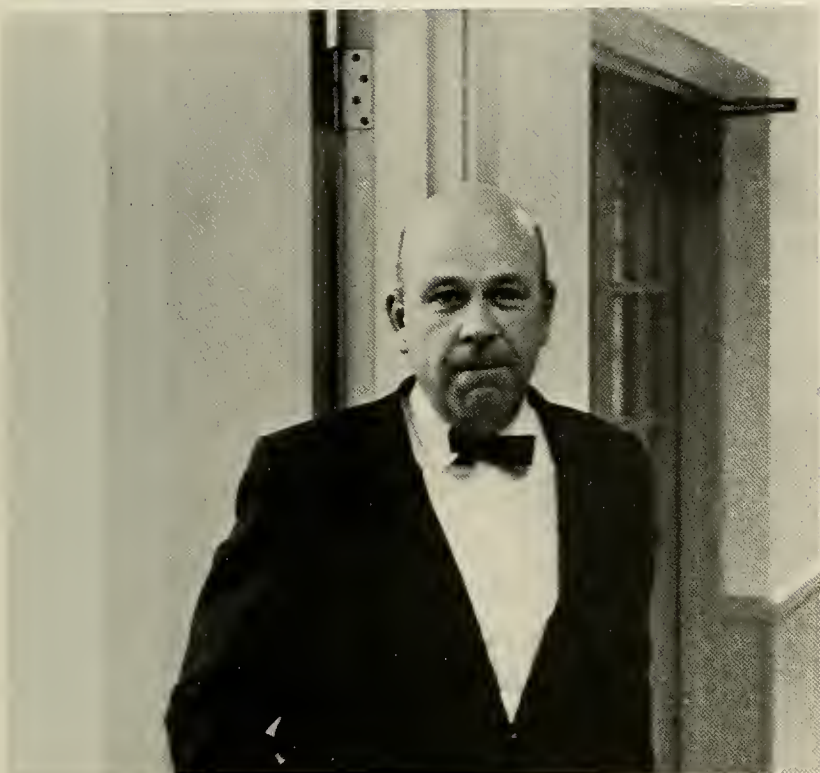


William F. Trask,  
Asst. Dean of Student Affairs and Director of Placement





Martin C. Van de Visse,  
Dean of Student Affairs



Alice saw that:

“Carpenter and Tweedledee

Agreed to have a battle;

For Carpenter said Tweedledee

Had spoiled his nice new rattle.

Just then in flapped the Walrus,

As mad as he could be;

Which frightened both *our* heroes so,

They quite forgot their quarrel.”

Walrus said to Carpenter,

“Come with me,

For I have a disciplinary problem

To discuss with thee.”

Alice said to Tweedledee,

“Tell me about you three,

how you be.”

“I’ll tell you about the other two  
but not about me.”





Bernard H. Brown,  
Assistant Director of Student Affairs



Said Tweedledee:  
The Walrus and the Carpenter  
Were walking close at hand:  
They wept like anything to see  
Such quantities of sand:  
'If this were only cleared away,'  
They said, 'it would be grand'.  
'If seven janitors with seven mops  
Swept it for half a year,  
Do you suppose,' the Walrus said,  
'That they could get it clear?'  
'I doubt it,' said the Carpenter,  
And shed a bitter tear.



William F. Elliot,  
Assistant Director of Admissions





Warren B. Zepp,  
Alumni Secretary-Treasurer



Roger N. Perry, Jr.,  
Director of Public Relations

'O Oysters come and walk with us!'

The Walrus did beseech.

'A pleasant walk, a pleasant talk,

Along the briny beach:

We cannot do with more than four,

To give a hand to each.'

The eldest Oysters looked at him,

But never a word they said:

The eldest Oysters winked their eyes,

And shook their heavy heads--

Meaning to say they did not choose

To leave the oyster-bed.

But four young Oysters hurried up,

All eager for the treat:

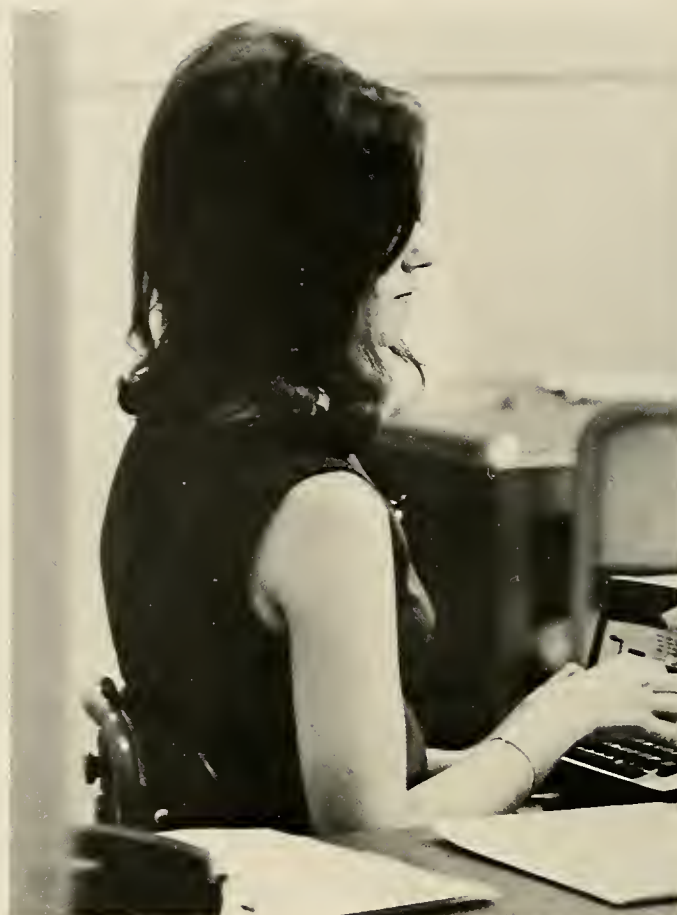
Their beanies on, their faces washed,

They wore an air of confidence--

And this was odd, because, you know,

They hadn't any sense.





The Walrus and the Carpenter  
 Walked on a mile or so,  
 And then they rested on a rock  
 Conveniently low:  
 And all the little Oysters stood  
 And waited in a row.

Four other Oysters followed them,  
 And yet another four;  
 And thick and fast they came at last,  
 And more, and more, and more--  
 All hopping through the frothy waves,  
 And scrambling to the shore.



Roy A. Seaberg, Jr.,  
 Asst. Alumni Secretary





‘The time has come,’ the Walrus said,  
 ‘To talk of many things:  
 Of rules--and girls--and sealing-wax--  
 Of presidents--and kings--  
 And why the stars are boiling hot--  
 And whether pigs have wings.’

‘But wait a bit,’ the Oysters cried,  
 ‘Before we have our chat;  
 For some of us are below The Mark,  
 And all of us are Bad!’  
 ‘No hurry!’ said the Carpenter  
 They thanked him much for that.

‘A lot of work,’ the Walrus said,  
 ‘Is what we chiefly need:  
 Diligence, conservatism besides  
 Are very good indeed--  
 Now, if you’re ready, Oysters dear,  
 We can begin to mold.’

‘But not on us!’ the Oysters cried,  
 Turning a little blue.  
 ‘After such kindness, that would be  
 A dismal thing to do!’  
 ‘The work is fine,’ the Walrus said.  
 ‘Do you admire the school?’



Mr. Verne C. Edmunds  
 Executive Officer, Office of the Vice-  
 President and Dean of Faculty



David E. Lloyd,  
Vice-President for Business Affairs



Kenneth A. Nourse,  
Associate Dean of Student Affairs and Director of Admissions





Edgar F. Heselbarth,  
Director of Financial Aid and Assistant Director of Admissions

It was so kind of you to come!  
And you are very nice!’  
The Carpenter said nothing but  
‘I’ve soothed another fight.  
I wish you were not quite so deaf —  
I’ve done it more than twice!’

‘It seems a shame,’ the Walrus said  
‘To play them such a trick  
After we’ve brought them out so far,  
And made them trot so quick!’  
The Carpenter said nothing but  
‘The butter’s spread too thick!’

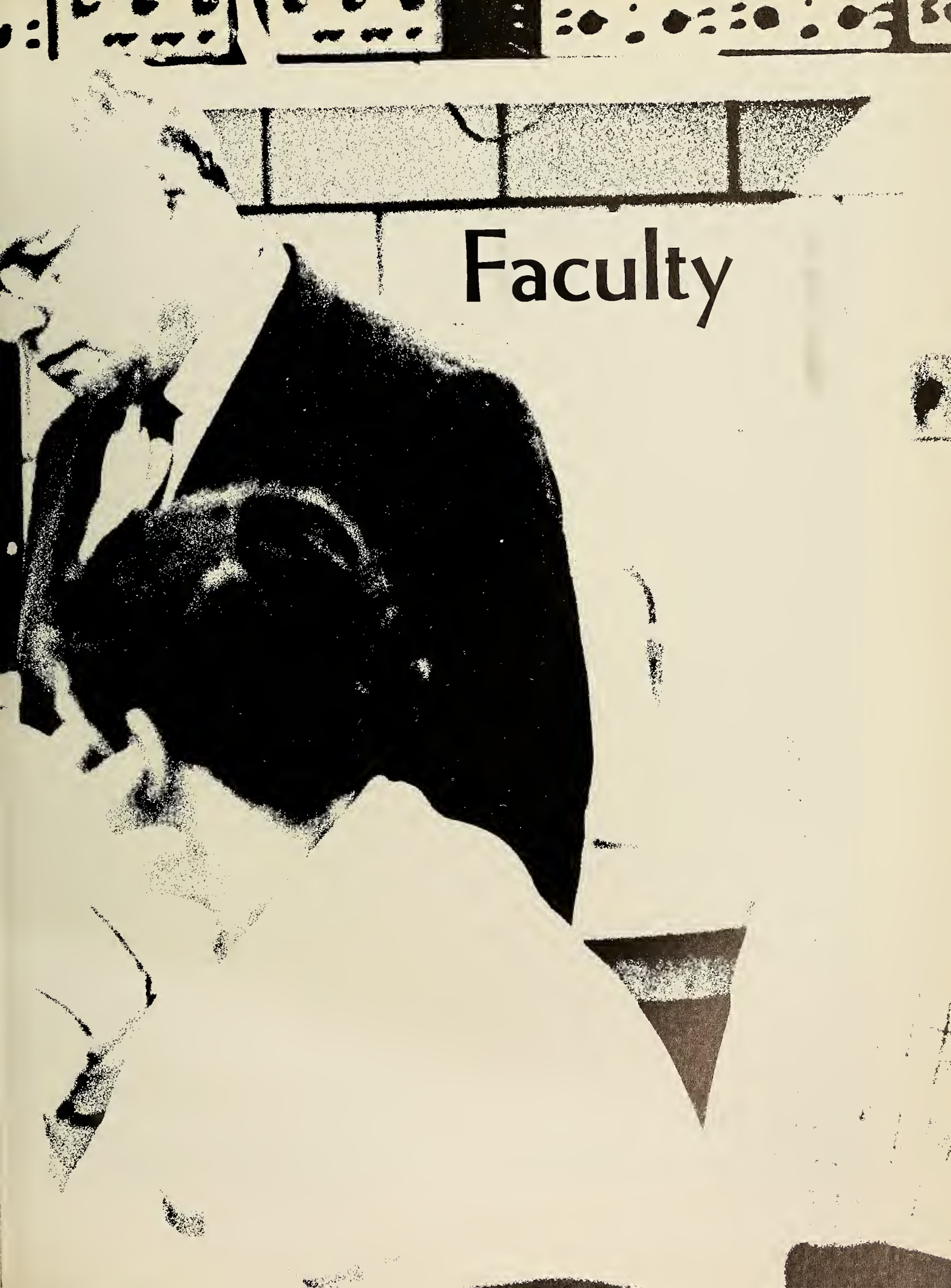
‘I weep for you,’ the Walrus said:  
‘I deeply sympathize.’  
With sobs and tears he sorted out  
Those of the largest size,  
Holding his pocket - handkerchief  
Before his streaming eyes.

‘O Oysters,’ said the Carpenter,  
‘You’ve had a pleasant run’  
Shall we be trotting home again?’  
But answer came there none —  
And this was scarcely odd, because  
They’d eaten every one.”









# Faculty



B. Allen Benjamin





Do what you think is right. One should try to leave his mark on the world by coming up with an idea or a physical change which will live beyond him. Leave the world a better place. Be concerned with the problems of today and their solutions. Question the assumptions about life and our role in it in relation to the problems of today. As an engineer or scientist think about the effects of the technological ideas you develop on other humans.







## Dr. John Mark Boyd

We have a technological society. We talk about social problems but they're all wrapped up in cities, transportation and energy sources. When we talk about outer space it's wrapped up in how to get there. When we talk about health it's about heart transplants. What education can be more relevant than one with a sound technological base that also develops the human beings. The liberal arts people are in trouble. We can talk with the historians, the social scientist, and the political scientist, but some can't talk with us. We are stuck with a technological society.



The days of building things, for the sake of building them, are gone. We have to start worrying about the effect of highways, heart transplants, and nuclear power plants. We all must relate these achievements to other human beings. How do these roads we cut through ghettos effect them? We tear out the ghetto, put in a highway—an engineering achievement. Then what happens? High rise apartments go up that rent for three hundred dollars a month. What happened to the people who live there? They are making another slum. Talking about technological developments in the content of social awareness is important. The teacher's role is to be available to young men so that he can communicate with them and them with him about these problems.

The rest of life is being confronted with strange situations and educating one's self. Every student should realize one thing. He can educate himself. If I can give my students the confidence that they can learn anything, I have fulfilled my purpose. Gain the excitement of life in terms of some of the pleasures of knowledge in the unplumbed areas of the arts of history.







## William Robert Grogan

Today, a lot of students preset the amount of work they will do. When they reach that level they stop. If their goals were not reached, they establish new ones. In some cases this means a change of fields.

There are two levels of education. The most important is to get an education which is sometimes defined as what is left over after you have forgotten what you learned. The other is to be well rounded. To gain an understanding is what is happening in ourselves and others.

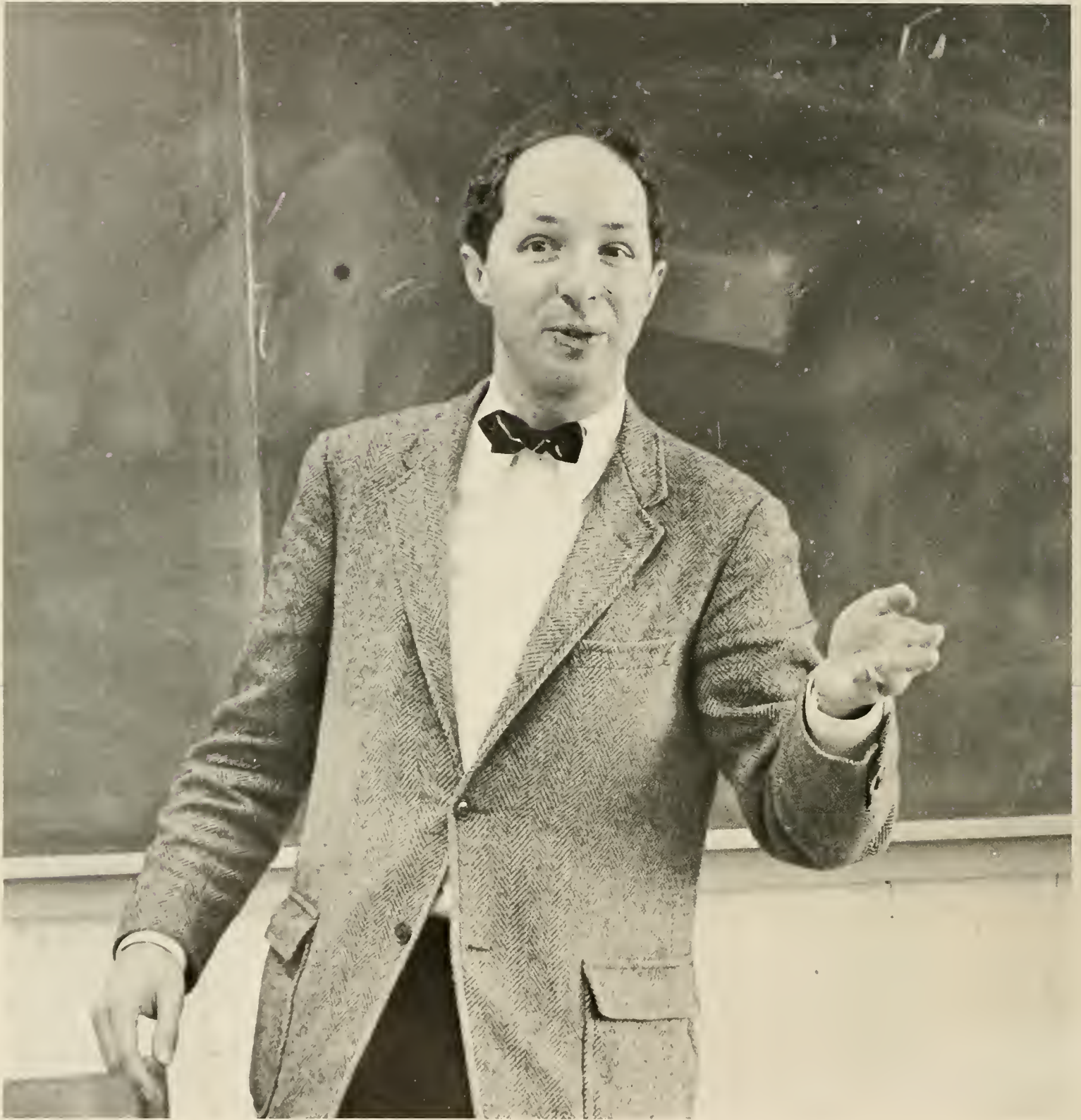
An undergraduate education is one where a student's mind is stretched in a manner where he becomes dissatisfied with what he knows and wants to continue to know more. I want to create this desire in a student to keep growing rather than to get a B.S. to make money. If they want the latter, they're short changing themselves. In four or five years they'll be unhappy. They have received a training not an education.







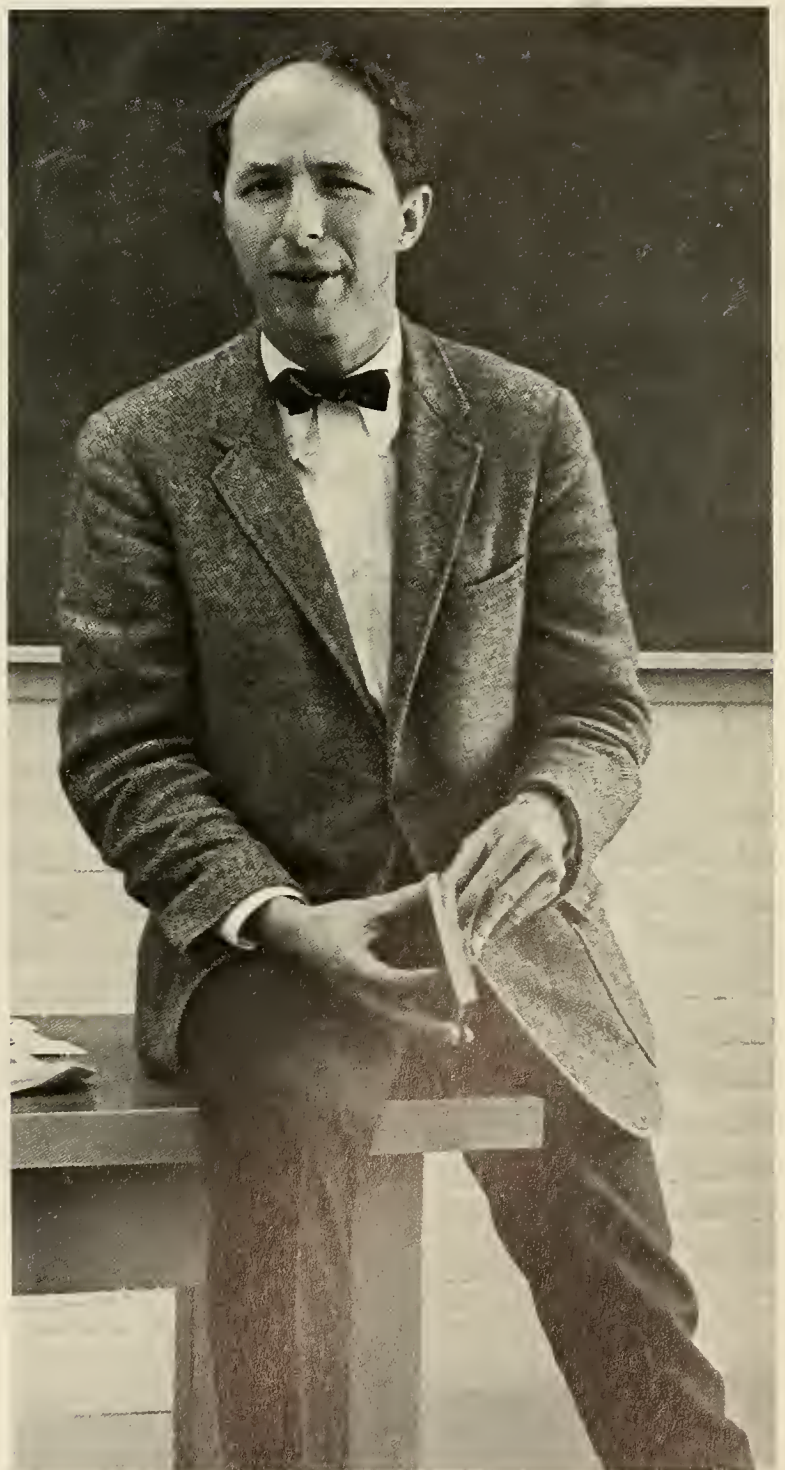
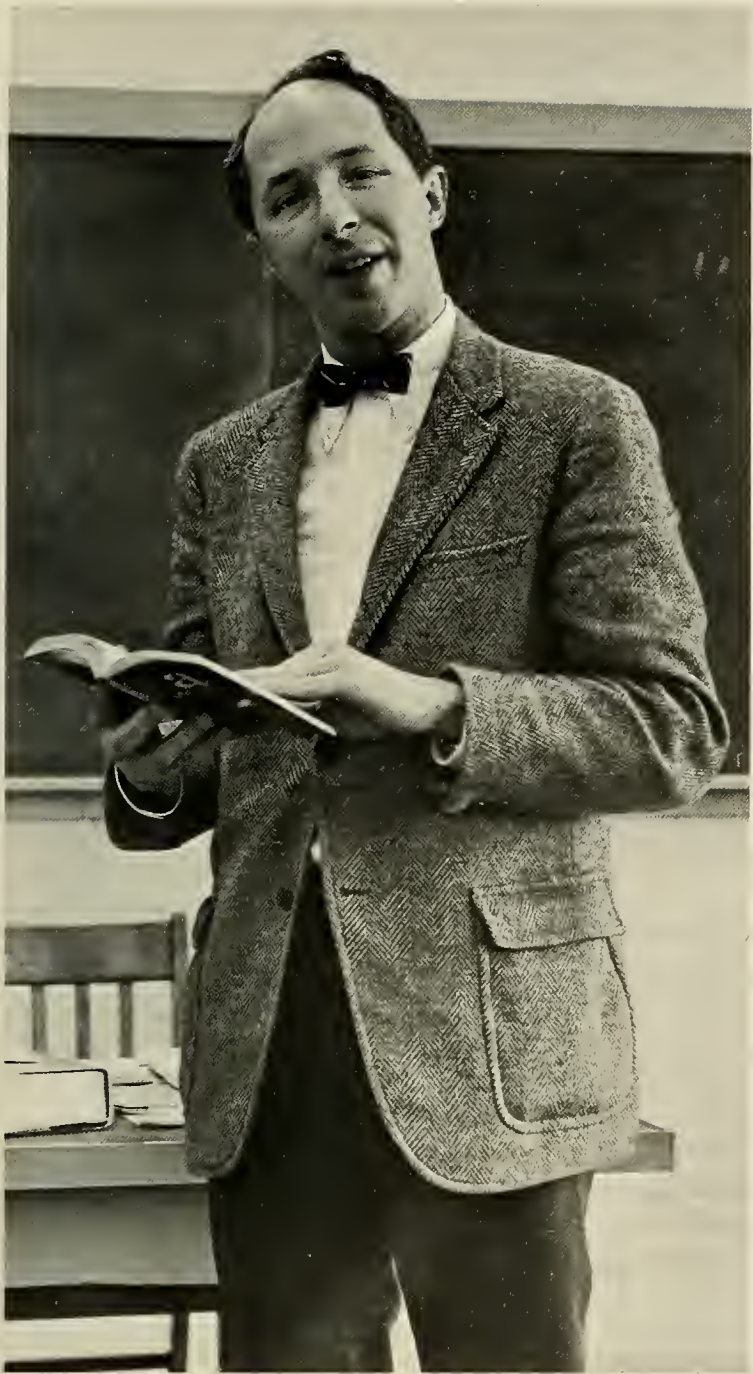
## Dr. Charles Heventhal, Jr.



"The chief function of a teacher of imaginative literature in a college of engineering and science is not to train professional literary critics and scholars; it is rather to outline the almost limitless possibilities of reading as an avocation with one's technical career. I do not think my function at WPI is to find the so called 'liberal arts student' and encourage him to join my profession. I am most pleased as a teacher here when the student in engineering or science or mathematics who has previously been indifferent to poetry or the novel begins to say 'I like this work, and I don't like that one' and begins analyzing intelligently why he makes such a choice.

Hopefully the reading of English or American literature or the other literatures of the world, in addition to entertaining us, assists us in seeing some of the complexities of our human nature that we might have otherwise overlooked. Literary study reminds us, as perhaps no other art does, of our limited perspective as an individual. If there were only one thing I would want the students who have passed through my classes to remember, it would be the question asked by the Caterpillar of Alice in her trip underground: 'Who are you?'"







## Dr. Donald E. Johnson



An educated man, in intellectual competition with his peers, seeks the truth. And in history, he deals, in part, with problems involving good and evil. Education flourishes best in a free society which encourages dissent and which does not confuse education with indoctrination. To many, this point of view will seem cliché-ridden and dated, for today, liberalism is suspect.

The fact that our concepts of good and truth are somewhat fictitious does not mean that efforts to pursue these goals are futile. It warns us to seek for progress rather than perfection. It also indicates that we are not infallible, and to obtain conformity through coercion stifles progress.

Once we accept the notion that words like "evil" are based only on subjective beliefs, it becomes preposterous to fight for or against anything on a moral basis. The attempt to achieve the ethical society becomes meaningless.



Similar reasoning may be applied to the concept of truth. We constantly seek further information in order to revise our hypotheses. Such activity is absurd unless we believe we are doing something to eliminate that which is fallacious and bogus.

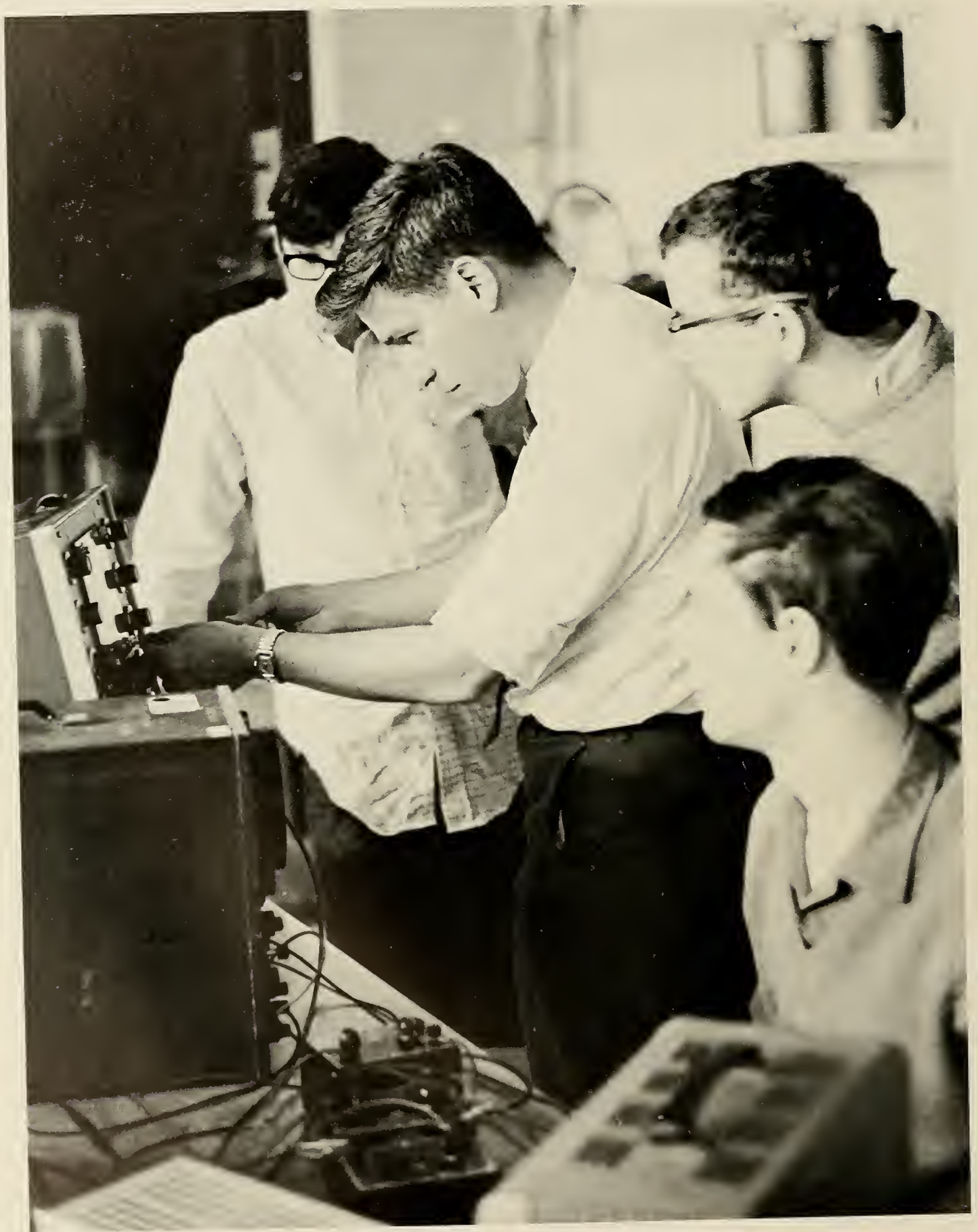
A few of those who say they want reform are really seeking power, while marching under the banner of freedom. Contemptuous of orderly processes of reform and intolerant of dissent, these authoritarians try to achieve their goals through resort to confrontation and violence. Those who will not comply with their demands are denounced as both wrong and wicked. This has been a rationale for heresy-hunting since the dawn of history. The methods used cannot be divorced from the ends to be achieved. Such methods may either destroy freedom or make it impossible to achieve legitimate reforms.

Our society will be able to cope with this and other problems. Despite many ups and downs, the progress of mankind has been striking--especially in a free society. And with Camus we may conclude that "there are more things to admire in men than to despise."





Robert Long, II

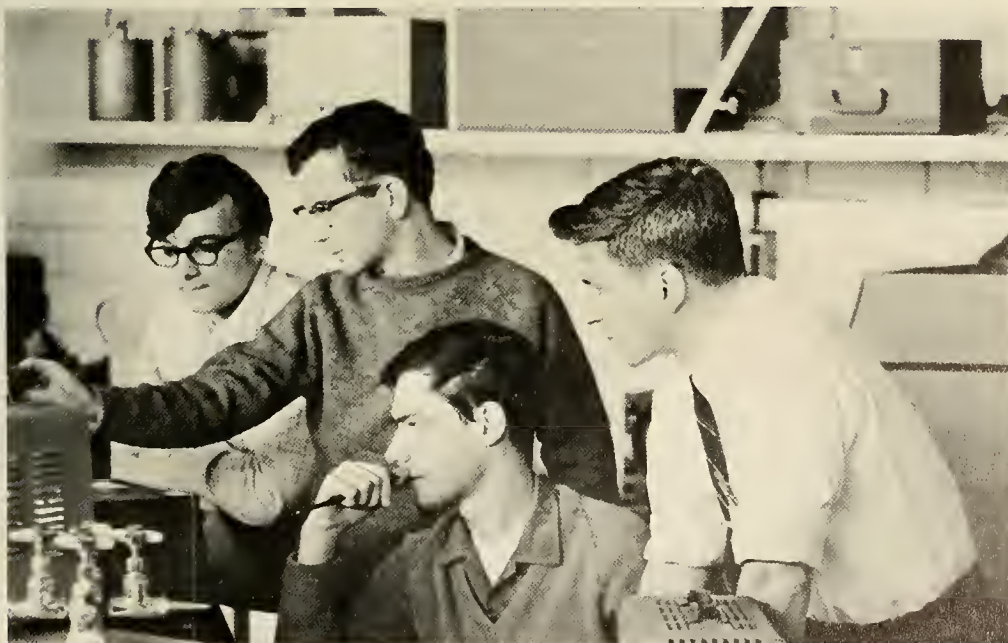






Physics is not a spectator sport. It requires participation. This is true of life. We must participate. A student today is participating more. He asks more important questions earlier in his education. He is motivated by interest in a course not by discipline.

Education is an opening to a renaissance of ideas and experiences. By learning and becoming more educated and not going into an academic cocoon you automatically influence people. This should be our purpose in life--to help our fellow man. As engineers and scientists in a technological society we are better able to do this, but we must be aware of the effects of our work on all parts of society.





## Bruce Cale McQuarrie



I sometimes get concerned when one of my students takes a job that is too closely involved with the military-industrial machine. I had a student not too long ago who was gleefully happy that he had a job programing war games on a computer. This bothers me. Maybe I shouldn't be training people to do that sort of thing. But, I have no right to impose my values and standards on students. I just try to make them the best students I can.





I hope they search for truth. No matter where it leads. Certainly not always in the strict mathematical sense, looking for nice true theorems, but striving for the basic truth of things.



This is what education is about--searching out truth and knowledge. If people do this most of the time things will come out pretty well.



Dr. Nicholas Louis Onorato







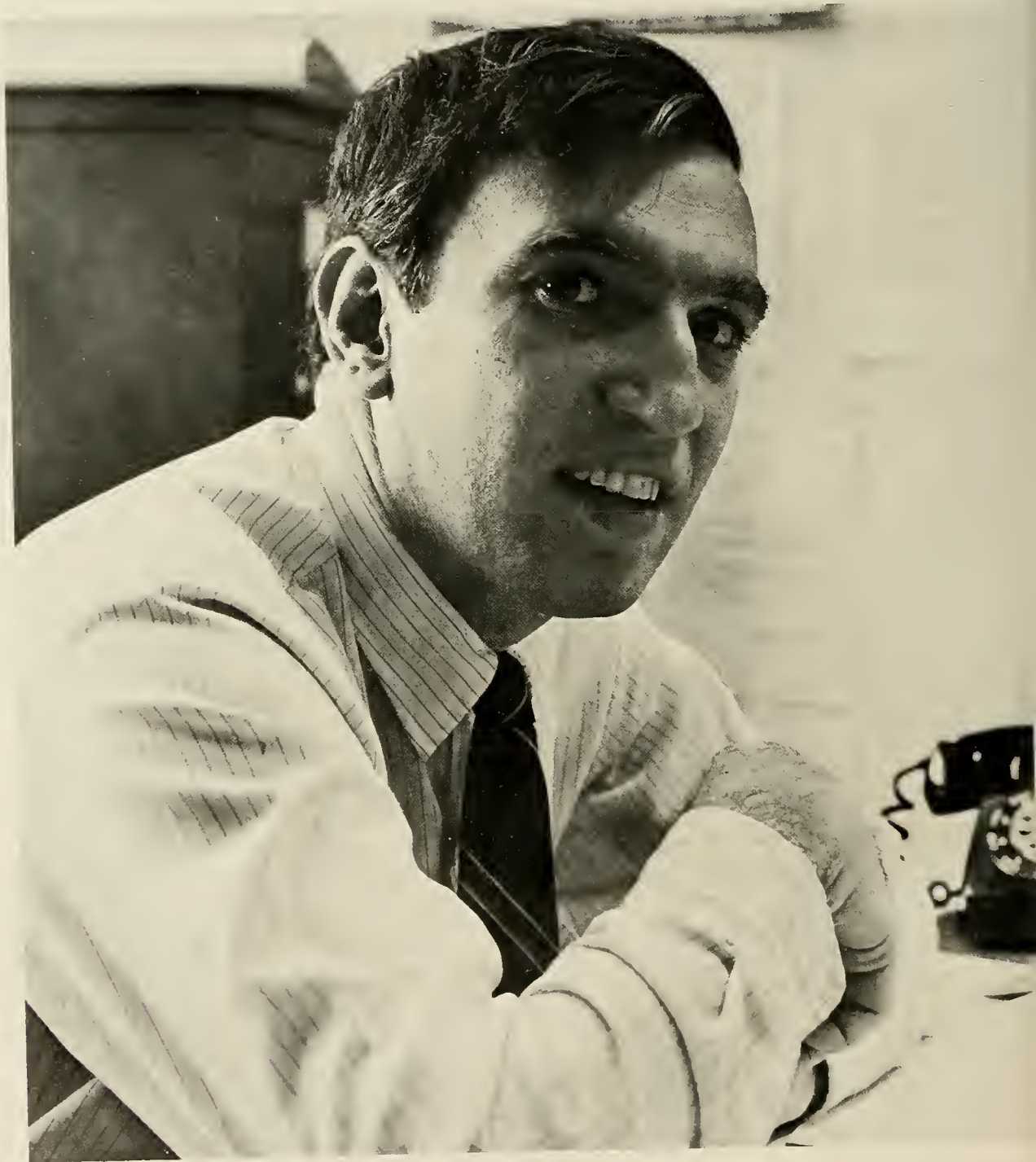
The last generation was willing to accept the rules because some one older and wiser made them. Today the students question these rules. They want to know the why of things. They discuss a rule to find the reasons behind it. Then they make a judgement on its validity. Rules free people. They help people to develop. Without them society would be chaotic.

Everything we do has an impact on life. Like a ripple made by a pebble thrown into water. It makes a splash and in time the ripple spreads out from the center of impact. As actions in life spread out. Ideas and actions move the world with a lag in time . . . Think about everything you do. Have a philosophy of life. Have your actions be consistant with your philosophy.



## Dr. Stepehn J. Weininger

The educational process should be a time in life when one begins to discover on an ever expanding scale one's own needs; in a very deep way the roots of one's personality. Part of this is the training for one's later life, but this is not a divorced thing or it shouldn't be. One should not train to do something as one trains a monkey. Train for a career which is in harmony with one's ownself.







There are a lot of ways of teaching besides those revolving around black boards, speaking to people, or giving out reading assignments. There are methods of communication which are less beautifully cataloged but are very real for we have all seen them operate. Even in something such as science which seems to have more of the factual and cut and dry about it than the other disciplines, there is a great deal of communication, particularly of attitude. This is a very important part of the learning process. It is the teachers attitude toward his subject, and his feeling about the whole place of science is something which makes its mark on the student.

It may be at least as important as the factual information he gives out. There's a quotation that an old Jewish religious philosopher said about his teacher, "I learned the Torah from all the limbs of my teacher," which is his way of saying that it was the man, his method of conducting himself, which taught more than anything he said.

Remain open. Never close yourself to anything, remain open to all possibilities, all thoughts, to consider nothing impossible that is beyond consideration, nothing so repulsive that it cannot be thought about, so personally painful that it can't be contemplated.

People must be more willing to take chances, make fools of themselves, make mistakes to get themselves in painful, embarrassing, awkward, uncomfortable situations for the sake of finding their own way, and to discover their own possibilities.









# Seniors



# CHEMICAL ENGINEERING



Raymond Barrows



Francis Barton



Anthony Bergantino



William Boyan



Raj Chauhan



William Chudzik



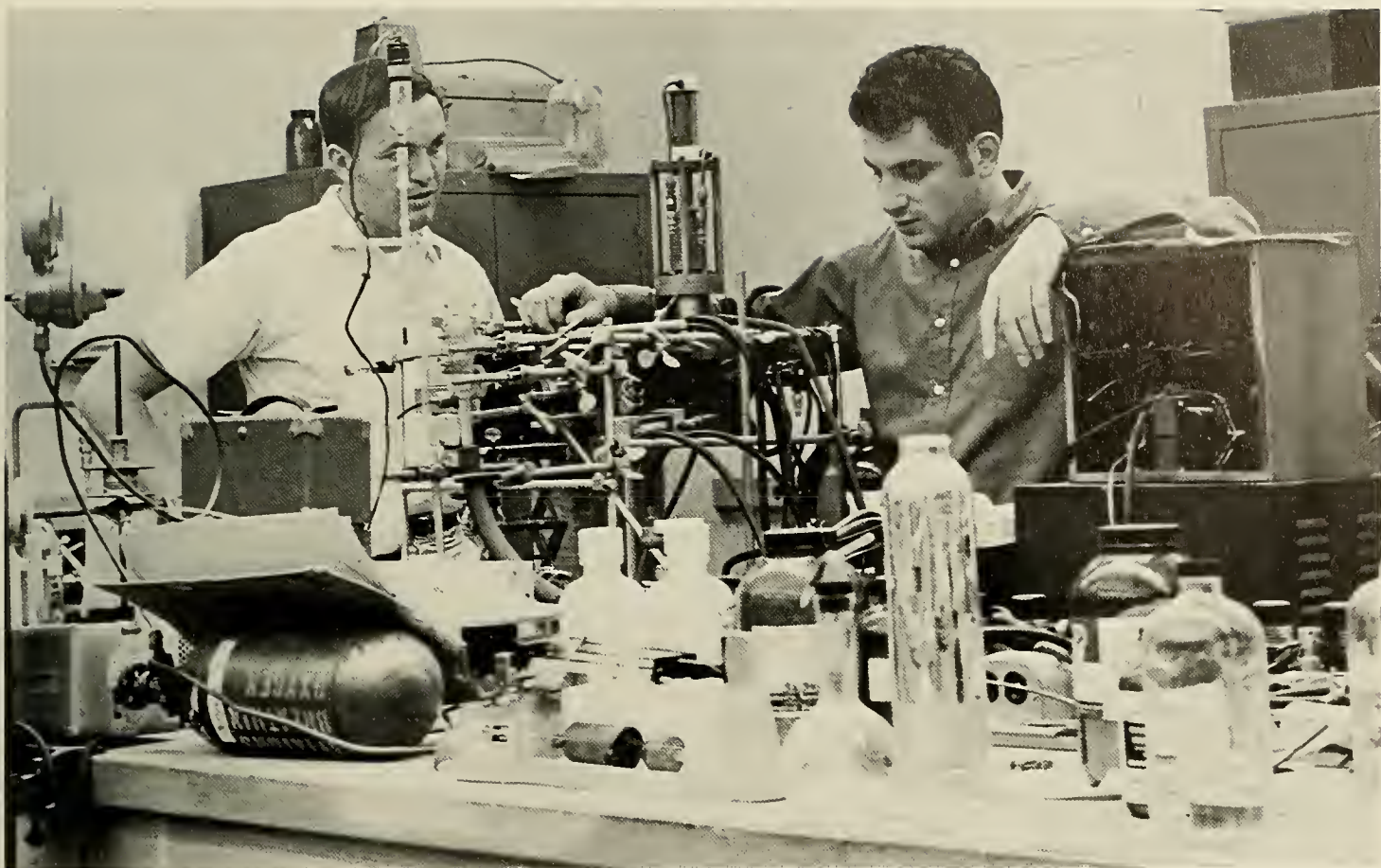
Ralph Clemons



Rodney Dahlstrom







Ronald Drozdick



Ralph Eschborn



David Ferris



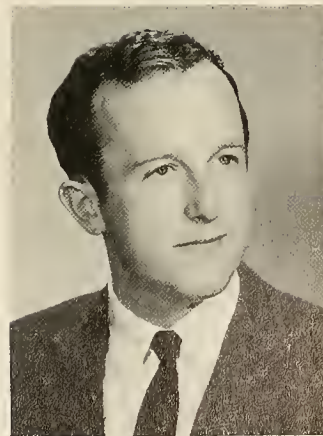
Richard Furman



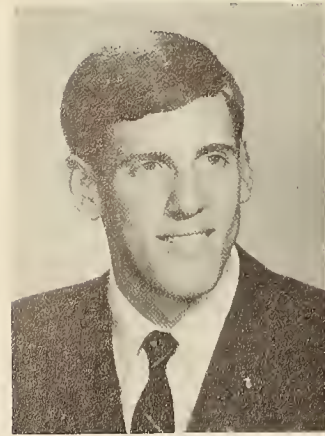
Richard Gross



Thomas Gwazdauskas



James Heinrich

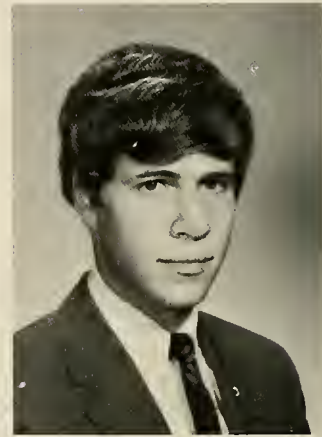


Andrew Heman





Arthur Katsaros



Lawrence Katzman



Patrick Kelley



David Kilpatrick



Robert Kohn



Edwin Kuenzler







Anthony Leketa



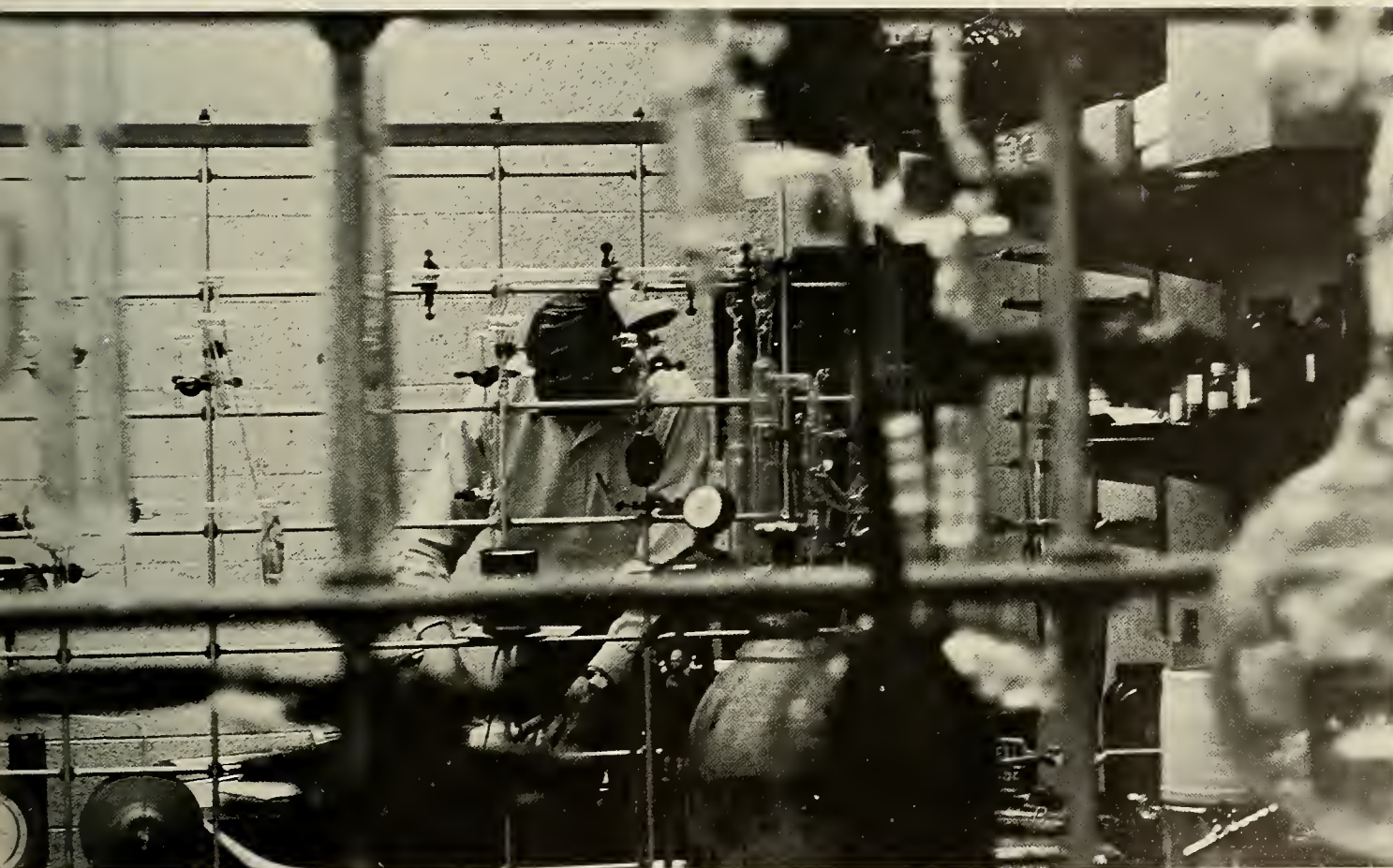
Marshall Levy



Robert Magarian



Kiritkumar Manjee



Thomas McAuliffe



Gordon Miller



David Morris

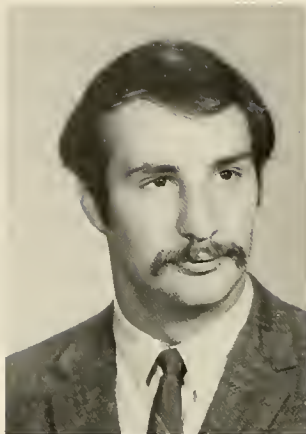


Paul Norkevicius





Alvin Pauly



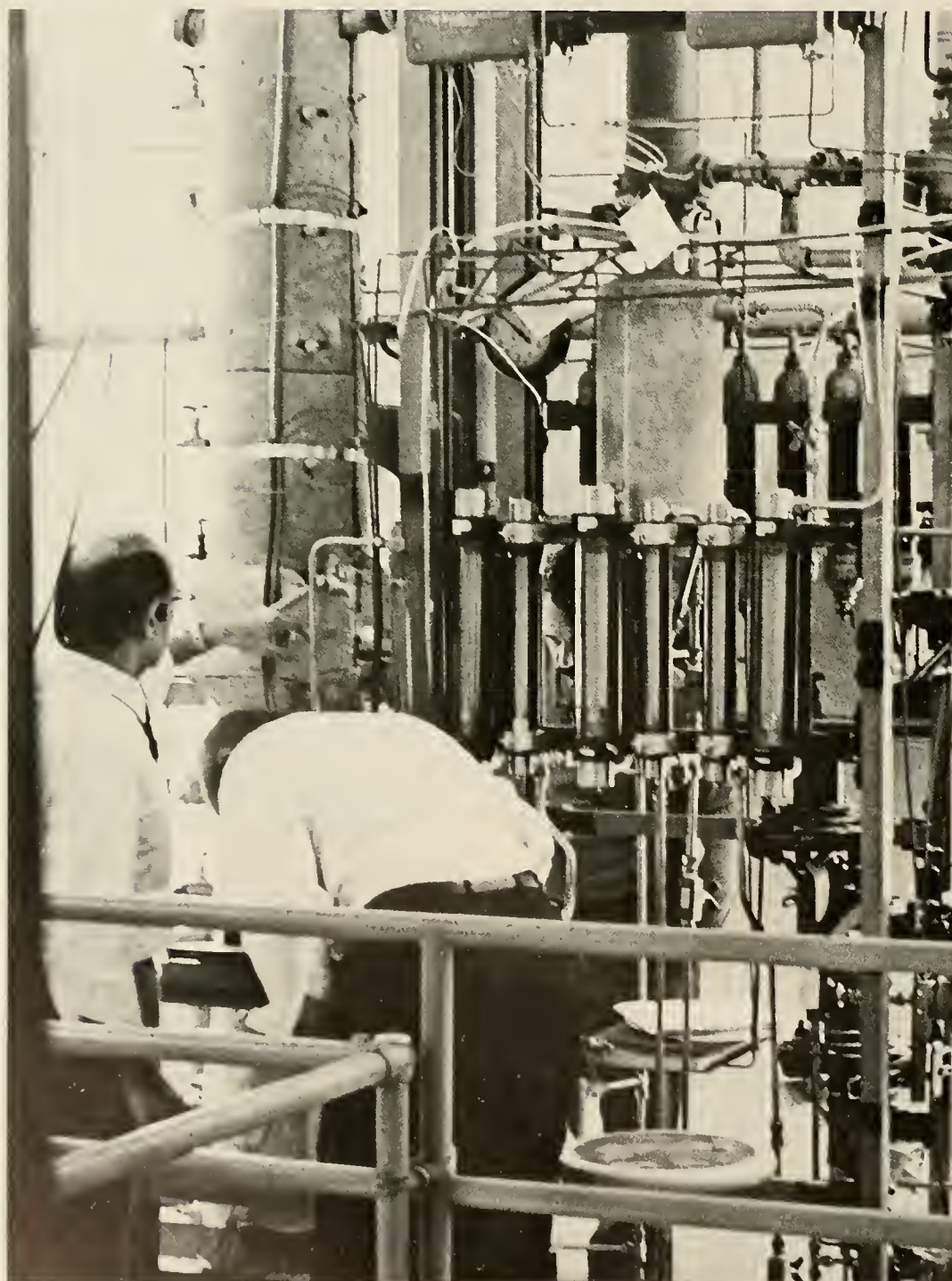
Alfred Perrone



Donald Rapp



Charles Robinson



Robert Rose

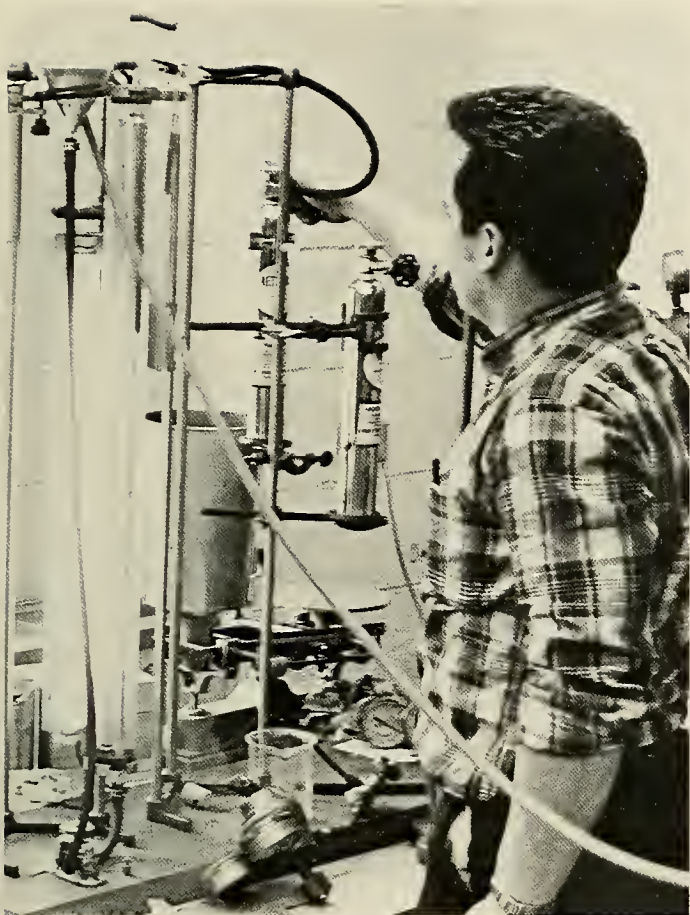


Michael Scelzo



Thomas Semprebon





Joseph Senecal



Paul Shea



Mark Simpson



Stephen Spakowsky



John Taylor



John Watson

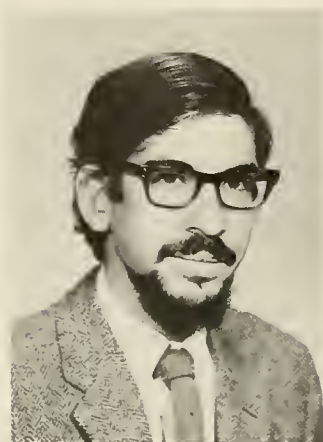




# CHEMISTRY



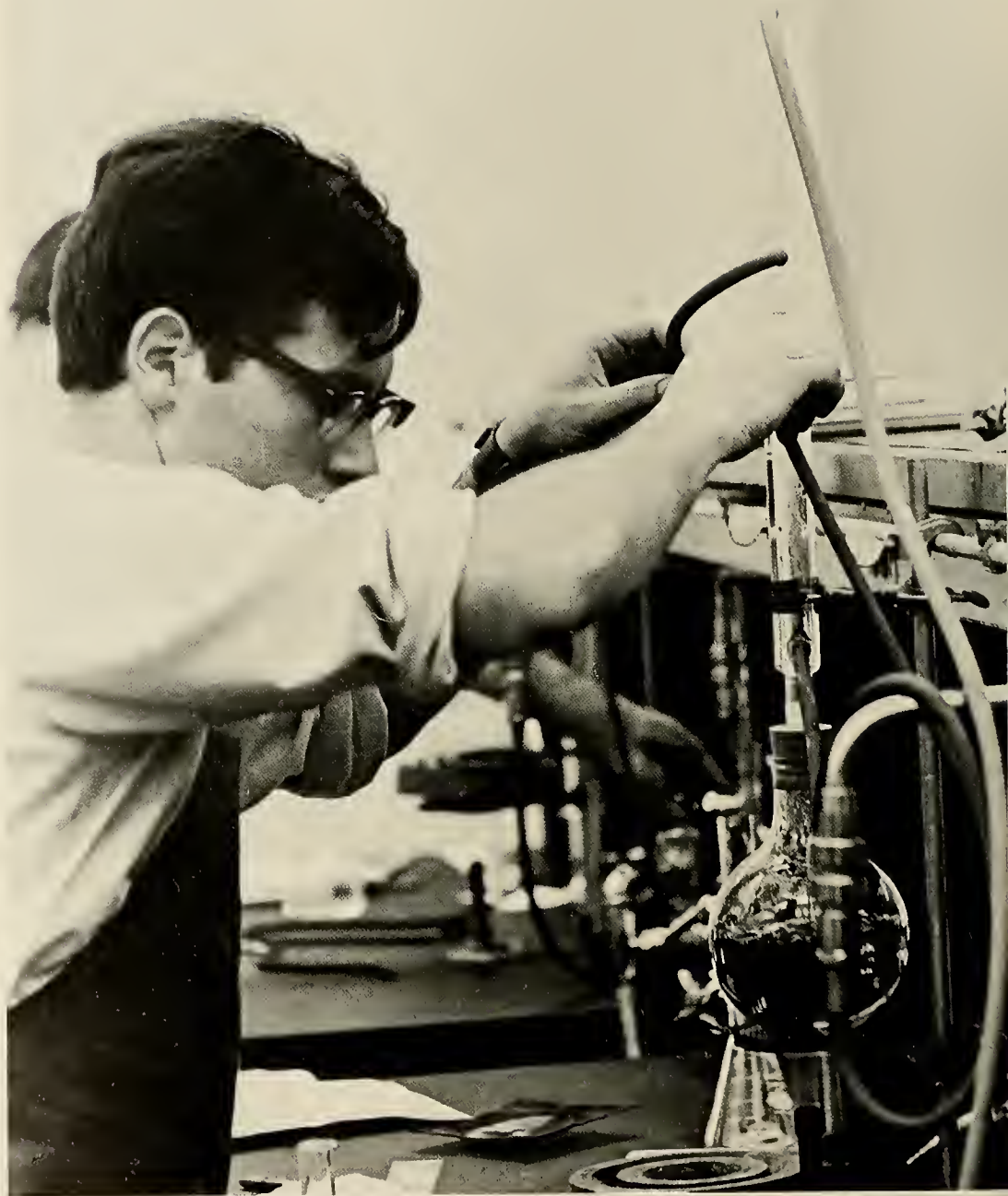
Warren Anderson



Gerald Axelrod



Alan Cunningham



Stephen Erikson



Neil Glickstein



Joel Greene



Charles Hardy





Jerry Johnson



Alexander Malcolm



Michael Nowak



Clifford Obertuck



Kent Rothammer



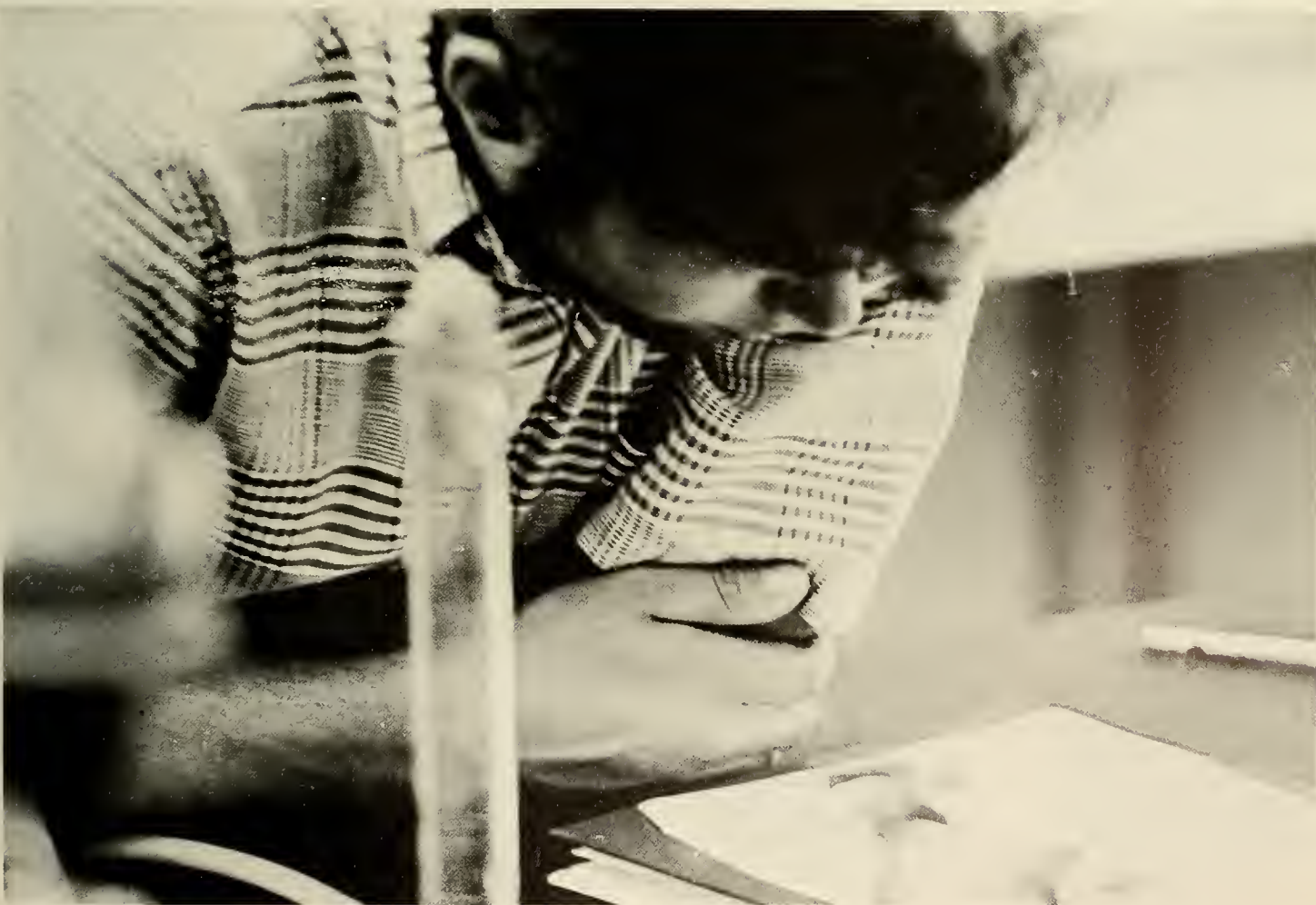
John Starsiak



Charles Trent



Charles Zepp





# CIVIL ENGINEERING



Stephen Andruchow



Lawrence Areskog



James Atkinson



Edward Cannon



Richard Carlson



Richard Check



Thomas Connelly



George Davagian

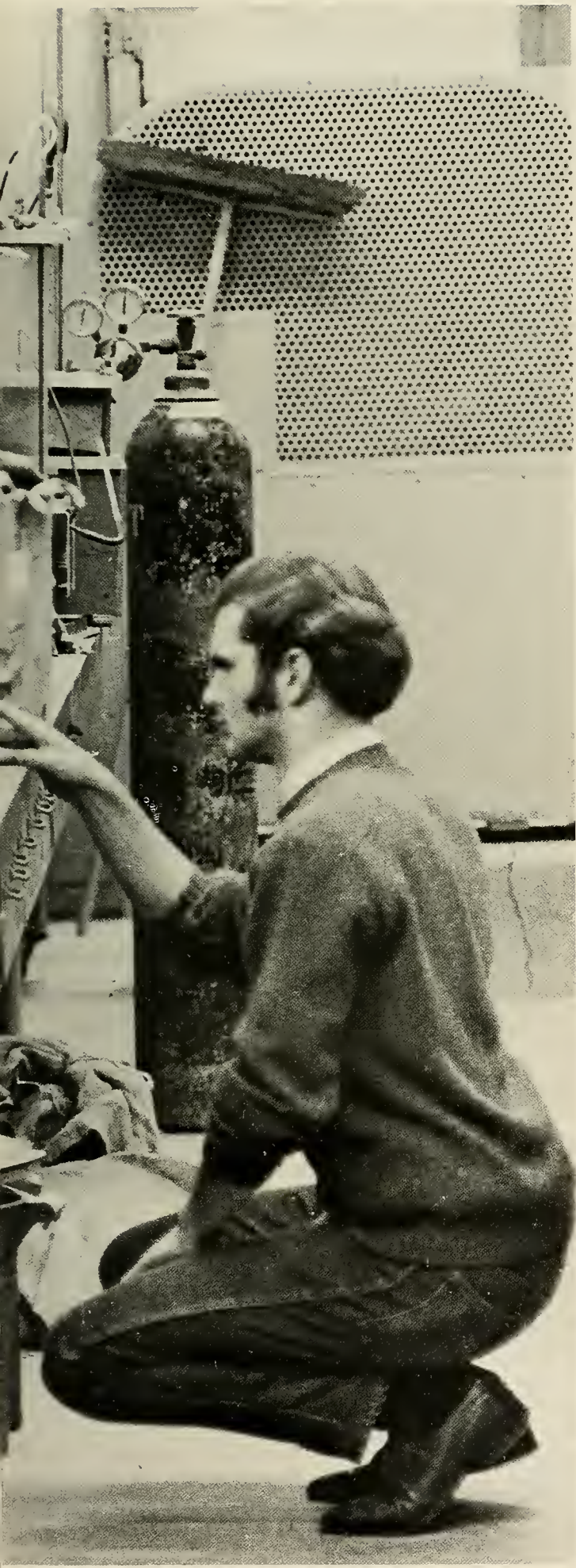


Michael DeMoga

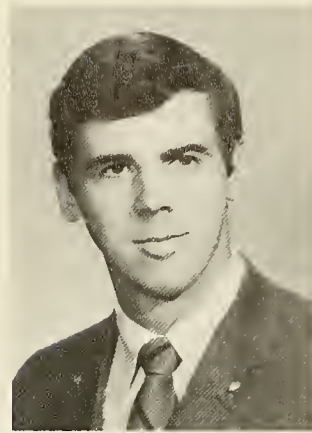


Andrew DiLeo

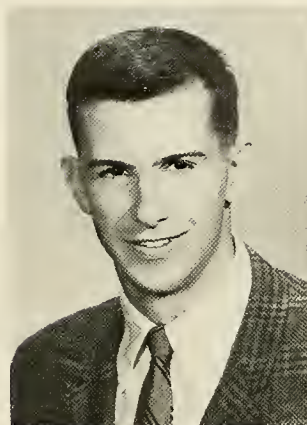




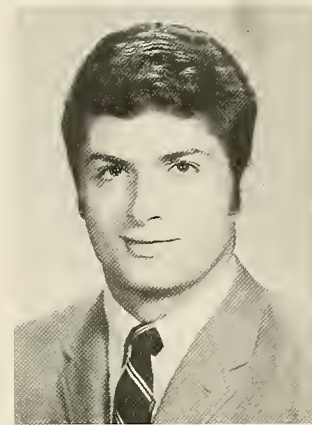
William Donges



Edward Griffith



Thomas Gurney



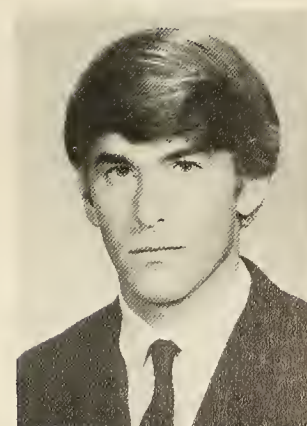
Richard Gurske



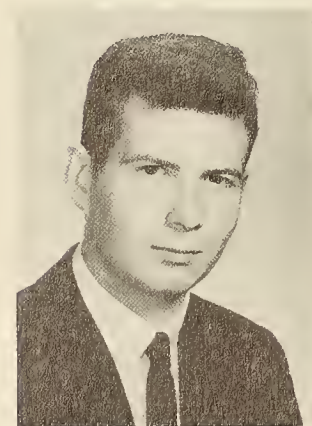
William Hallock



Stephen Hammond



Glenn Harkness



Leslie Hatch





David Healy



Donald Johnson



Charles Kalauskas



Ronald Lewis



Christopher Masklee



Nicholas Mazanitis



Donald McCarthy



Edward Mierzejewski





Arnold Novick



John Payne



John Poblocki



Alan Randall



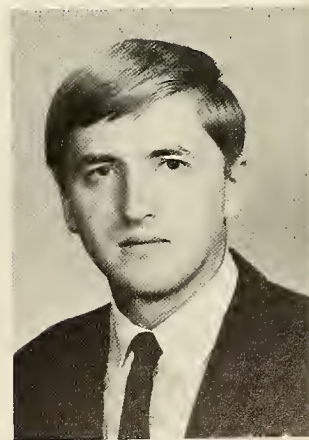
Gerald Robbins



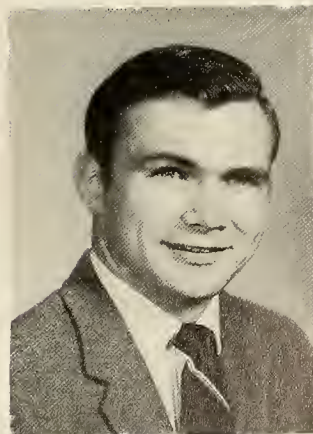
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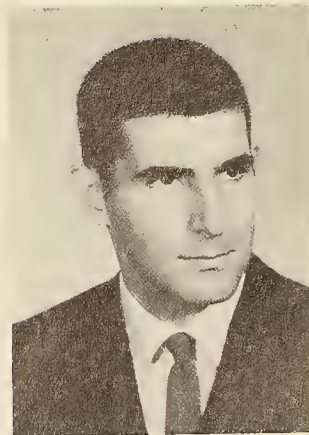
Laurence Shea



Michael Wanczyk



William Willand



Paul Wolf



# ELECTRICAL ENGINEERING



Francis Archambeault



Richard Aude



Anthony Baglini



Gregory Barnhart



James Baxendale



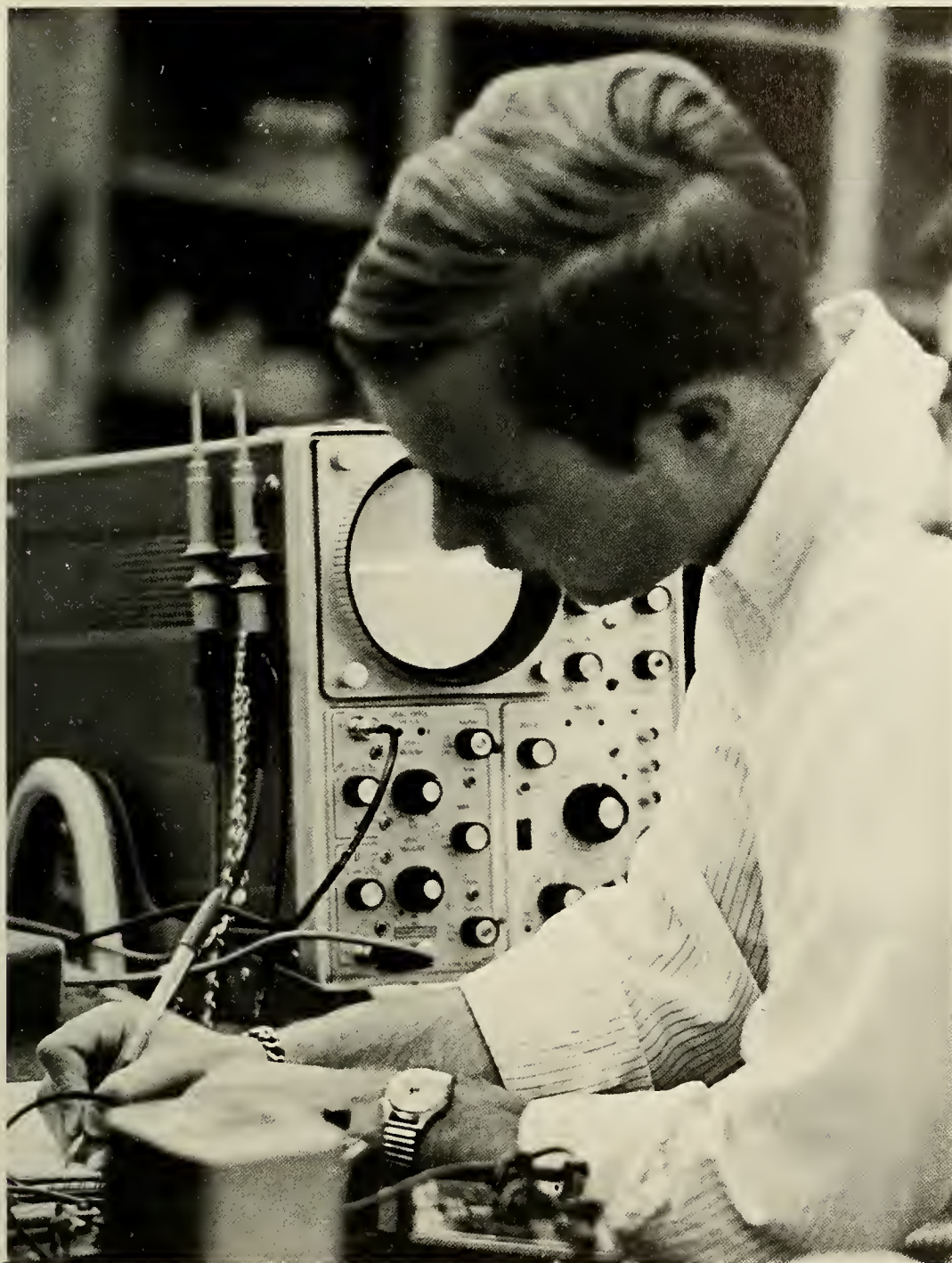
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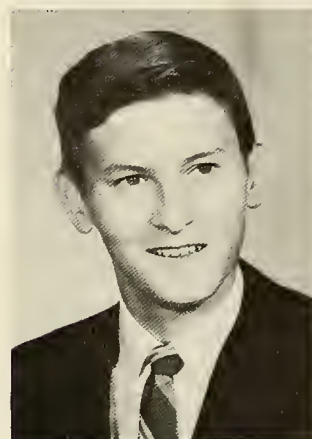
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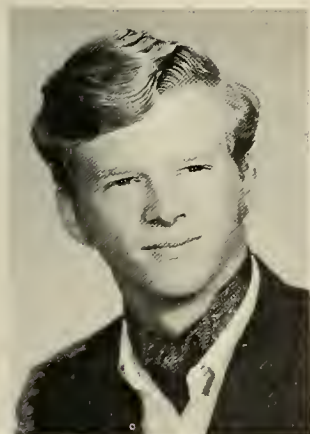
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Alan Chamberlain



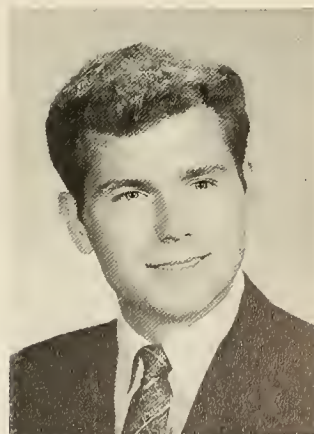
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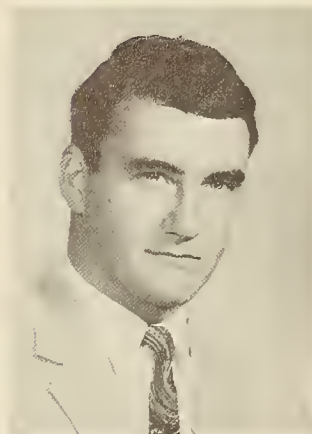
Lawrence Day



Kenneth De Villero



Larry Dexter



Stephen Fischer





James Foley



Warren Follett



Charles Forand



Thomas Fournier



Mark Garaway



John Gavitt



Michael Hart







Harold Hemond



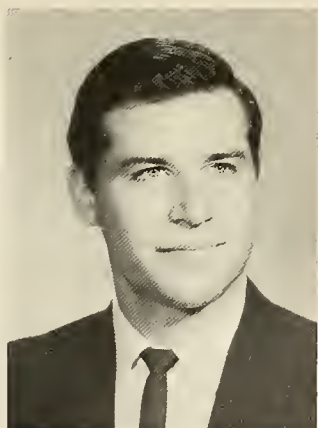
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David Jervis



Duncan Loomis



Daniel Lorusso



Robert Mayer



Sheldon Mittleman





Stephen Nagy



Matthew Neclerio



Michael Ouellette



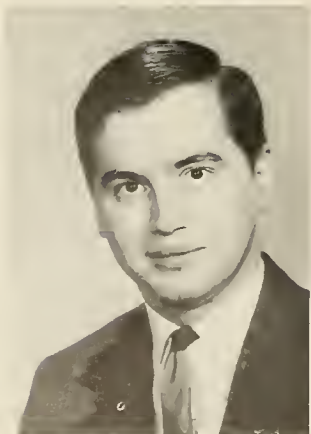
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David Pietraszewski



Gregory Pollack



Daniel Pond



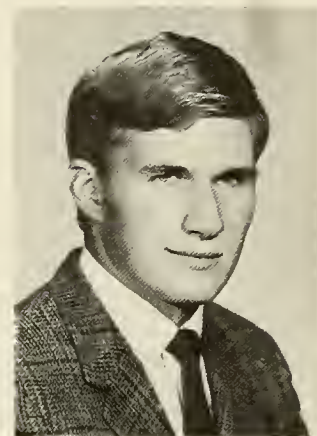
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James Richey



Ronald Roberts



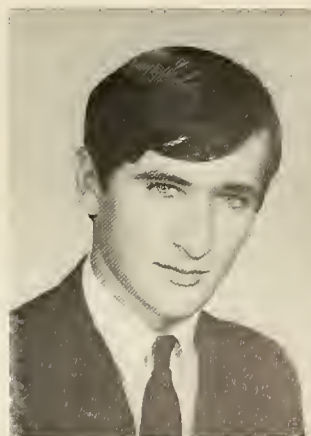
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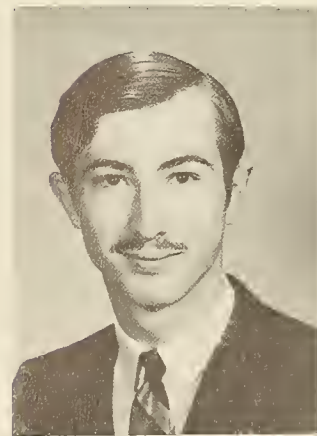
James Rodier



Richard Romeo



Rene Roy



Donald Ruef





Albert Shahnarian



Donald Sharp



Barry Shiffrin



Robert Slomcenski



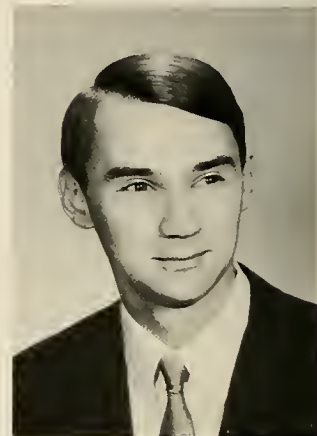
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Ronald Stelmak



Robert Stessel



David Swenson







James Walker



Peter Walsh



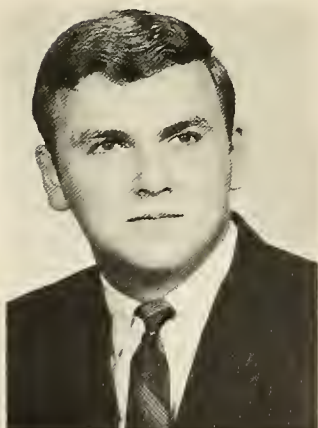
Richard Warren



Kimball Watson



Richard Weiner



Leon Wendelowski



David Zlotek



Stephen Zuckerman



# MANAGEMENT ENGINEERING



Kenneth Berube



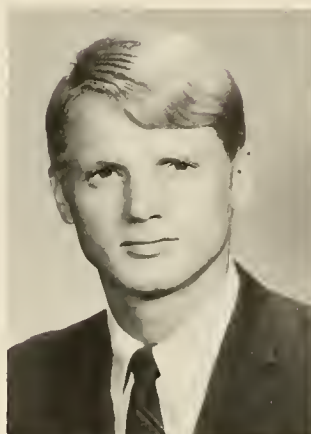
Frank Corbiere



John Czajkowski



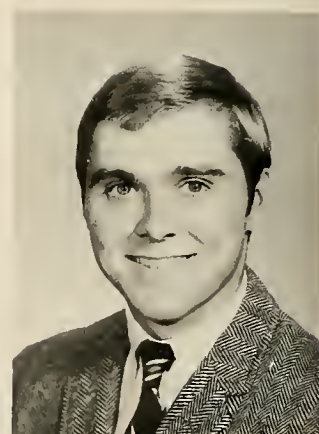
Joseph Doran



Robert Downie



Peter Heins



Jeffrey Knapp





Joseph Langone



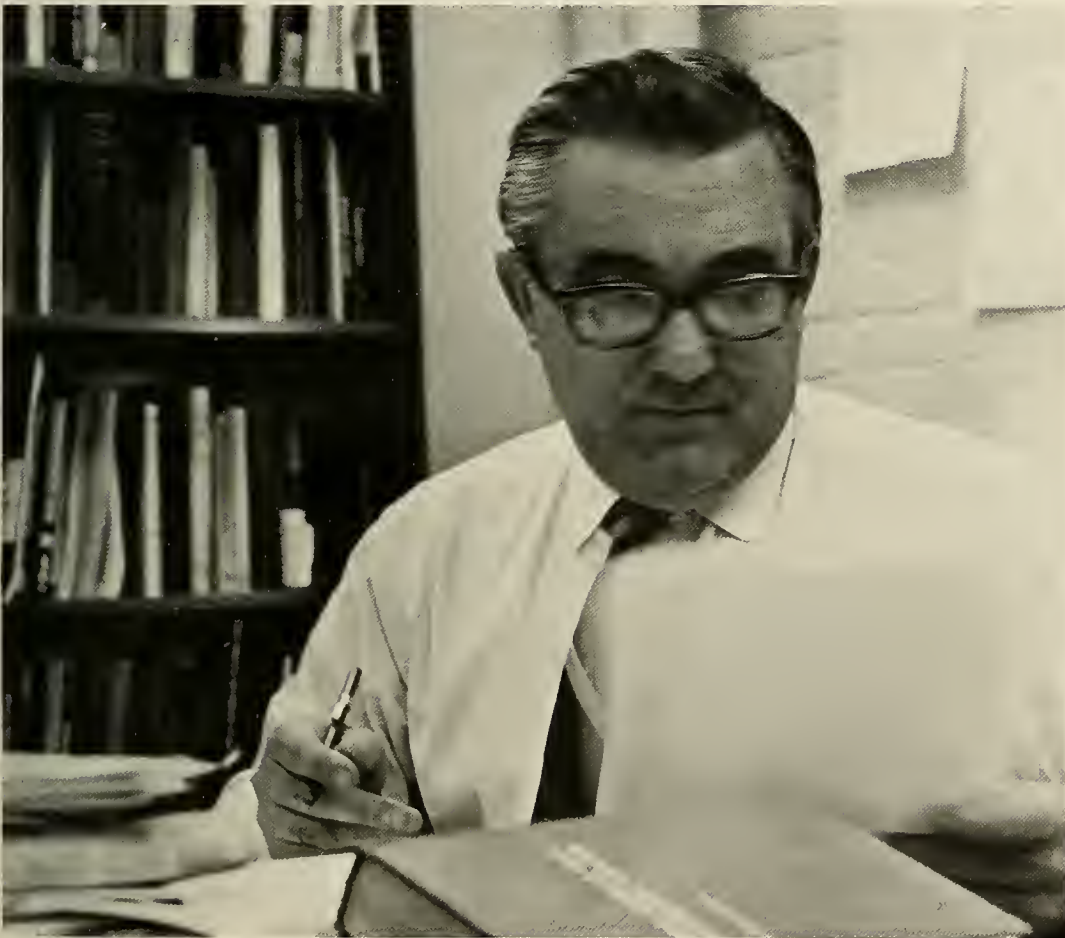
Mark LePain



David Lieberman



Daniel Lipcan



Gordon Mears



Roger Miles



Walter Miska



Robert Reidy



Ronald Rosadini



Ronnie Wendelken



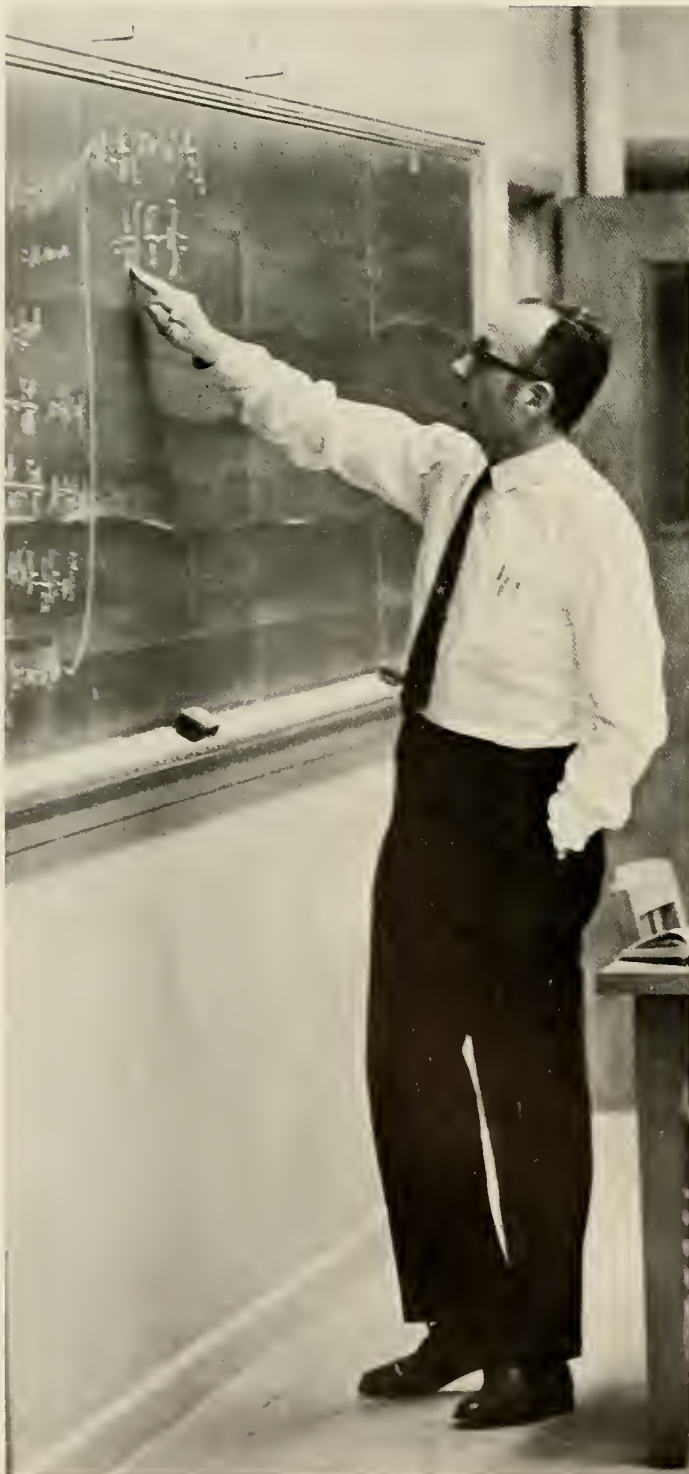
# MATHEMATICS



Dennis Agin



Richard Alpert



George Banks



Michael Cohen



John Connell

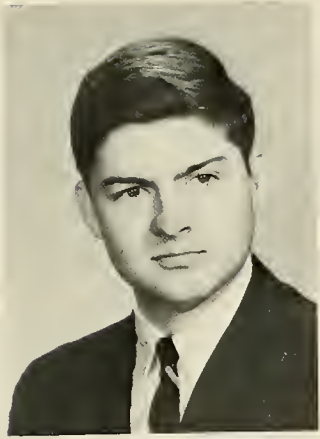


Richard Deland





Charles Doe



David Eaton



Douglas George



Mark Gerber



Stanley Goldman



Gregory Hopkins



Philip Kazemersky







Allen Lahikainen



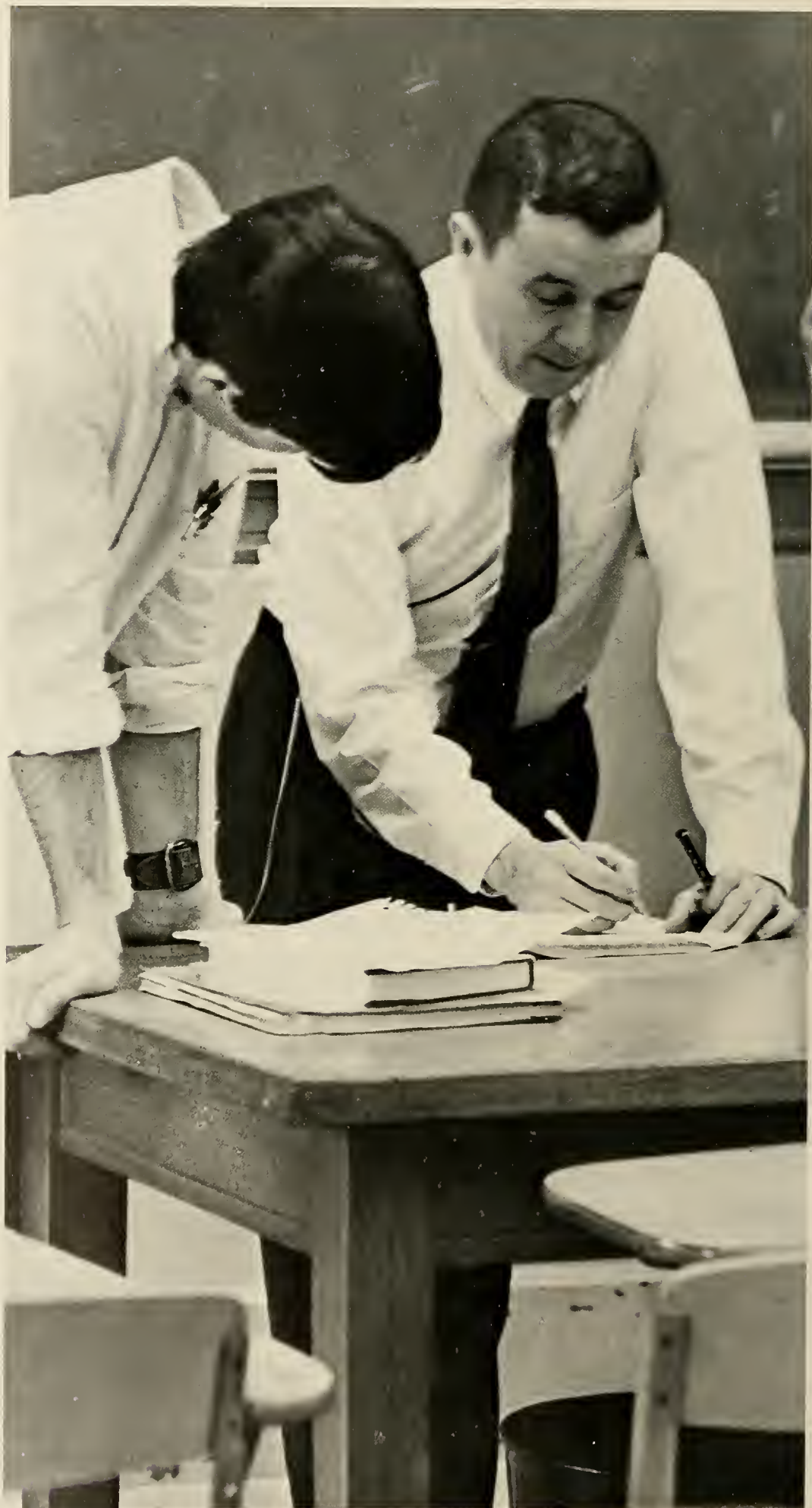
Stephen Legomsky



Hyman Lofchie



George McCandless







Richard McCue



John Paolillo



Stephen Platz



Howard Shore



Henry Sweet



Donald Whelan



Steven Zieve



# MECHANICAL ENGINEERING



Brian Abraham



James Alford



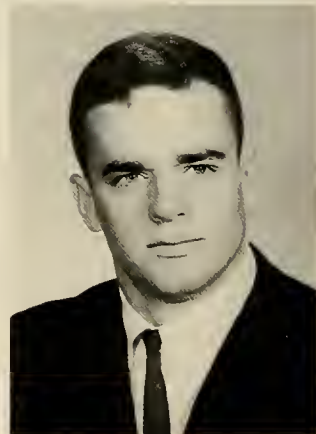
Raymond Baker



Robert Balcer



Carl Ballard



David Barrett



Chester Blackman



James Boyd



Craig Bradley



Douglas Brown





Bruce Carlson



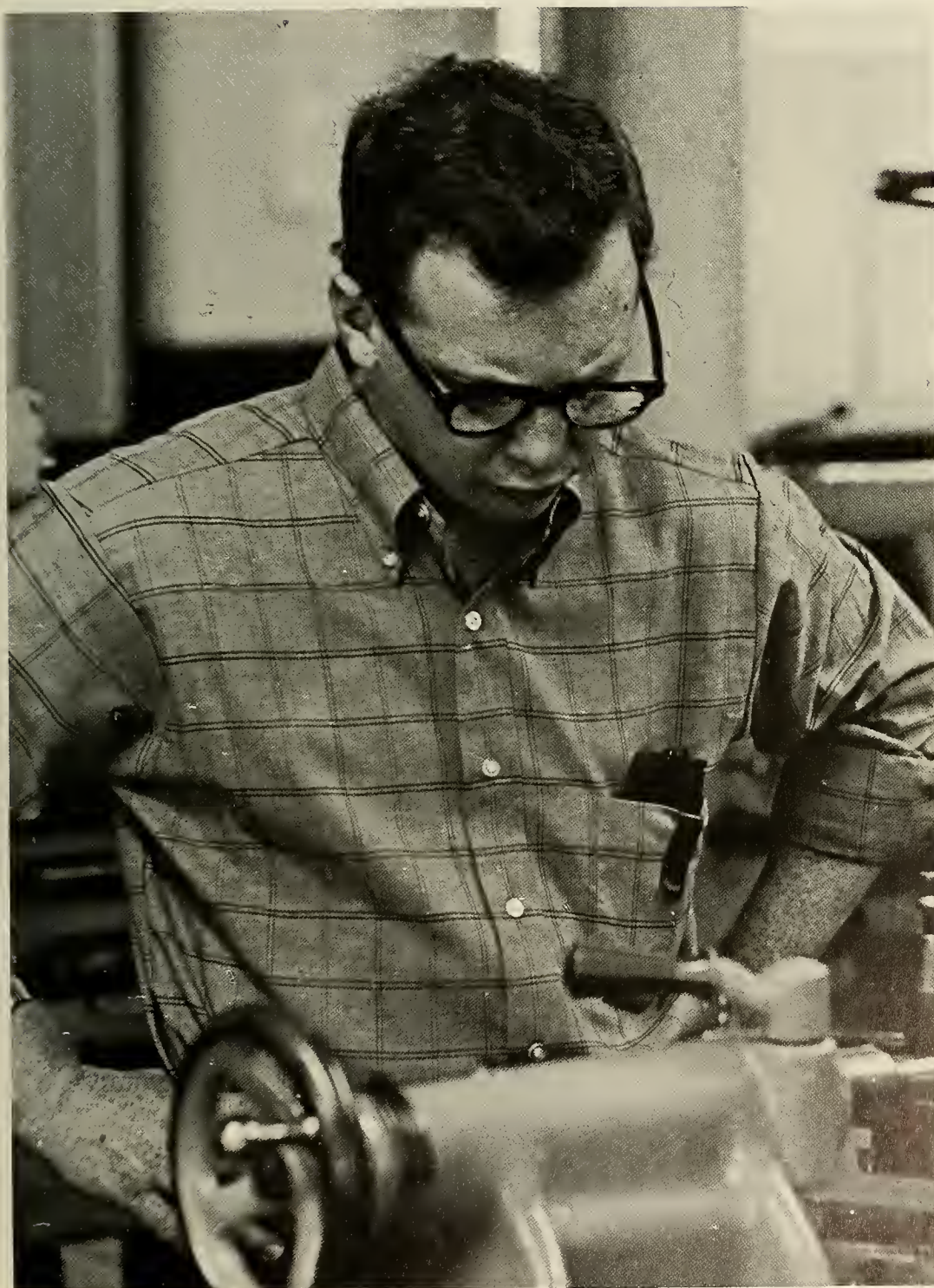
John Colognesi



Anthony Crispino



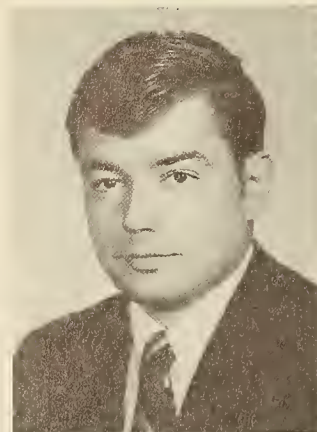
Roger Dashner



Roger Dennison



Paul Dresser

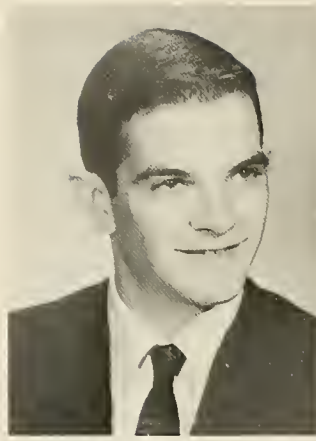


Gregory Enz





Donald Esson



Arthur Evans



Joseph Fitzgerald



Jerome Flynn



Alfred Freeberg



Mark Freyermuth

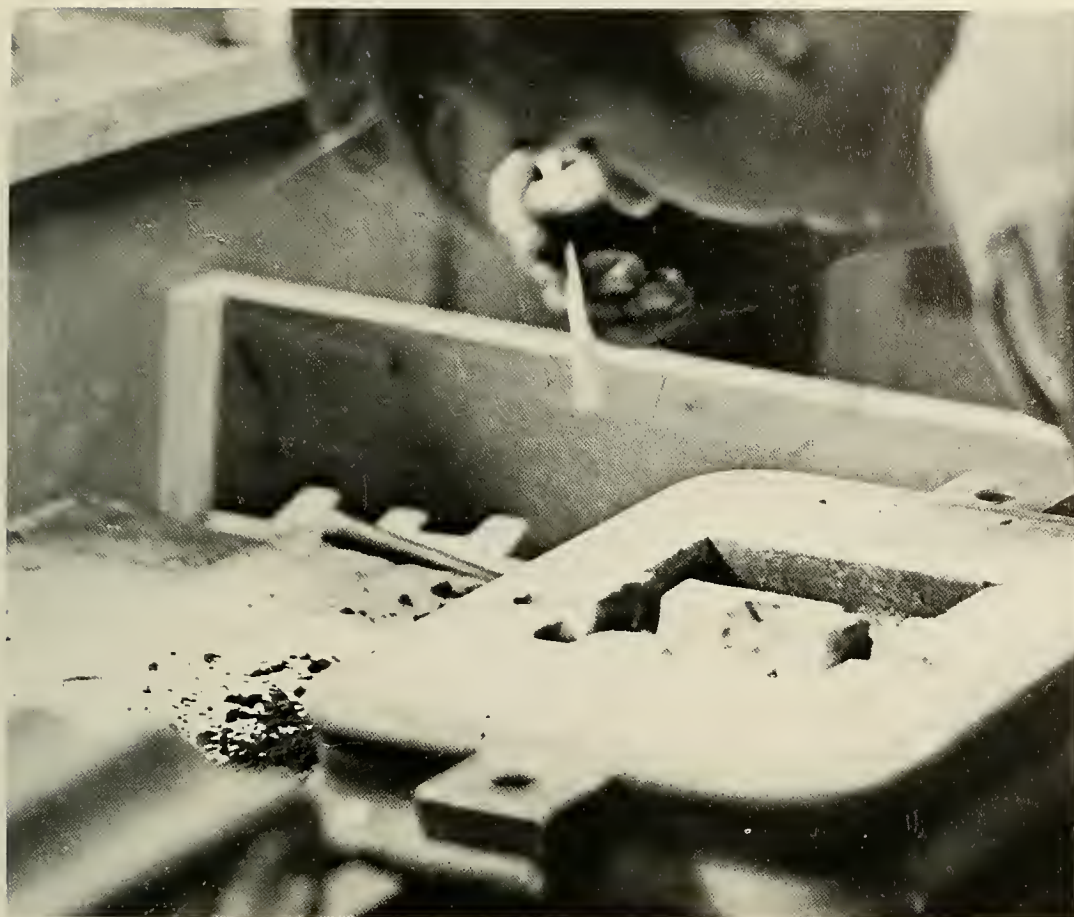


Michael Gan

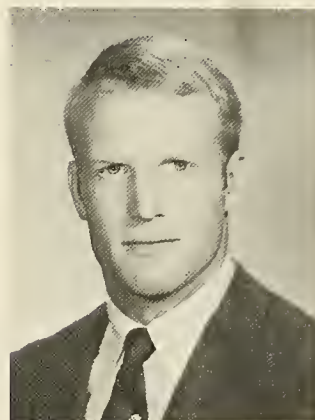


John Grant





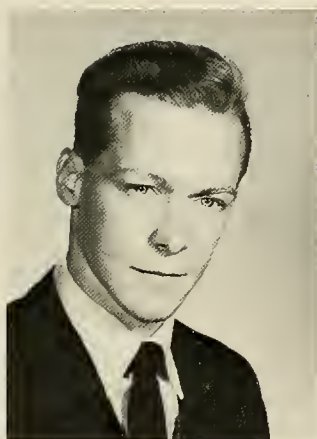
Bruce Green



Peter Grosch



James Haury



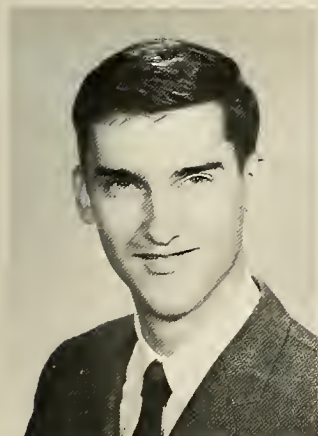
Donald Holden



Steven Hunter



Edward Hyde



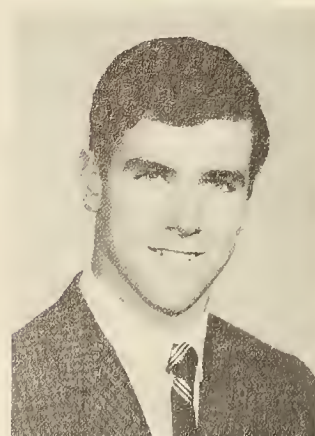
David Johnson



Ronald Jones

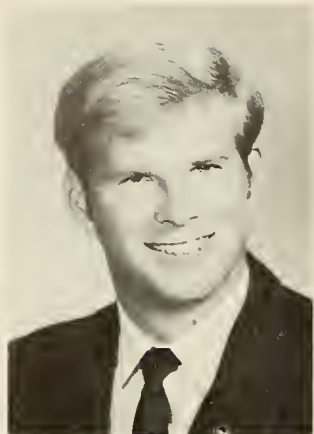


Kenneth Kopka



Curtis Kruger





David Kuniholm



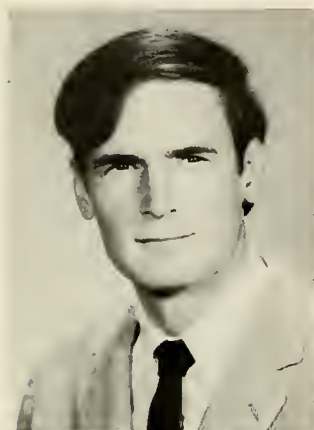
Robert Kusy



Gary Leventhal



James Littlefield



Craig Mading



Steven Mathis



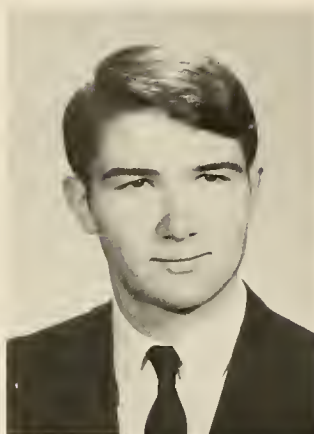
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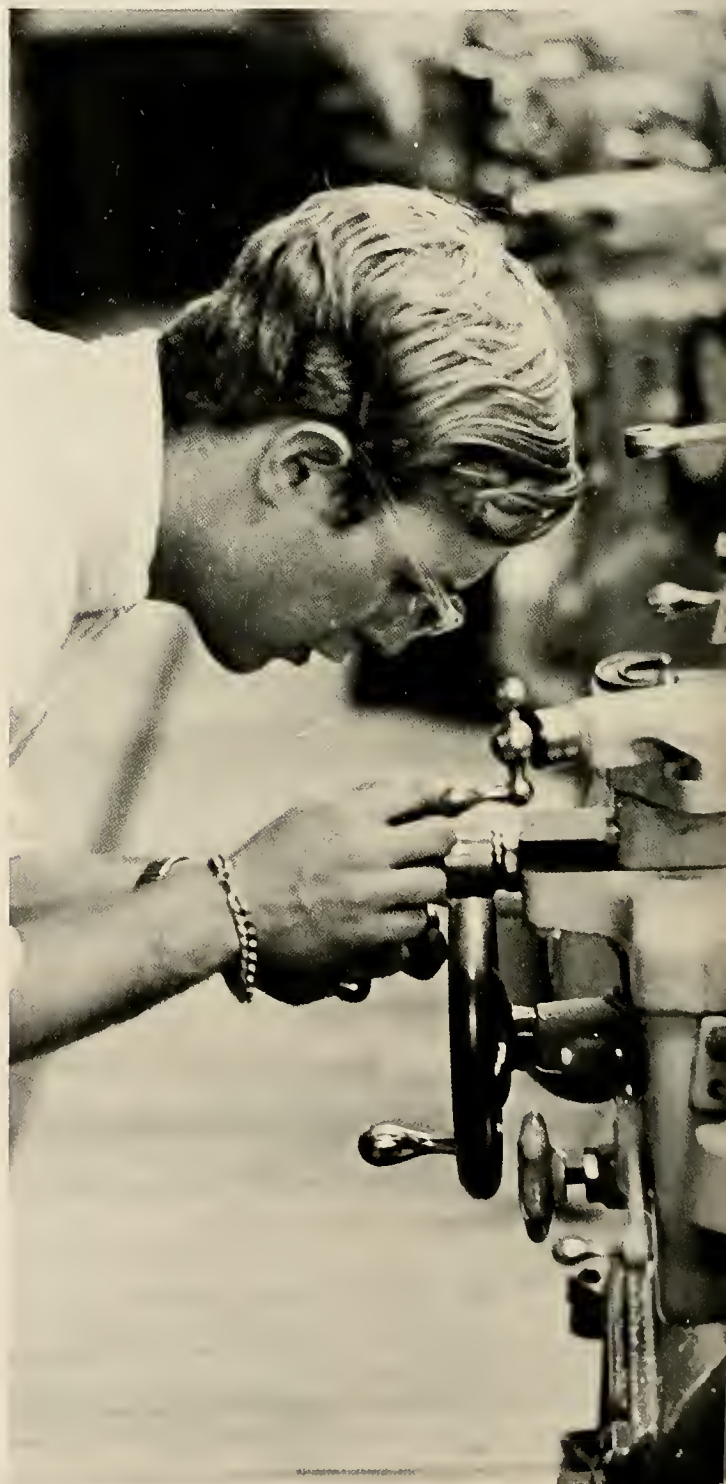
Douglas Morash



Ronald Morris



Wayne Morse







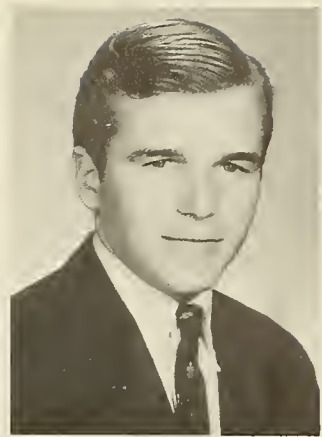
James Myers



Douglas Nelson



Kris Nelson



Eric Nickerson



Michael Noga



Richard Palm



Andrew Perreault



Stephen Phillips







Donald Robinson



Stephen Rogers



Stephen Selinger



John Simpson



Richard Smith



Robert Smith



Frederick Spreter



Peter Stanley





Martin Surabian



John Szostek



Thomas Taylor



Robert Templin



John Thompson



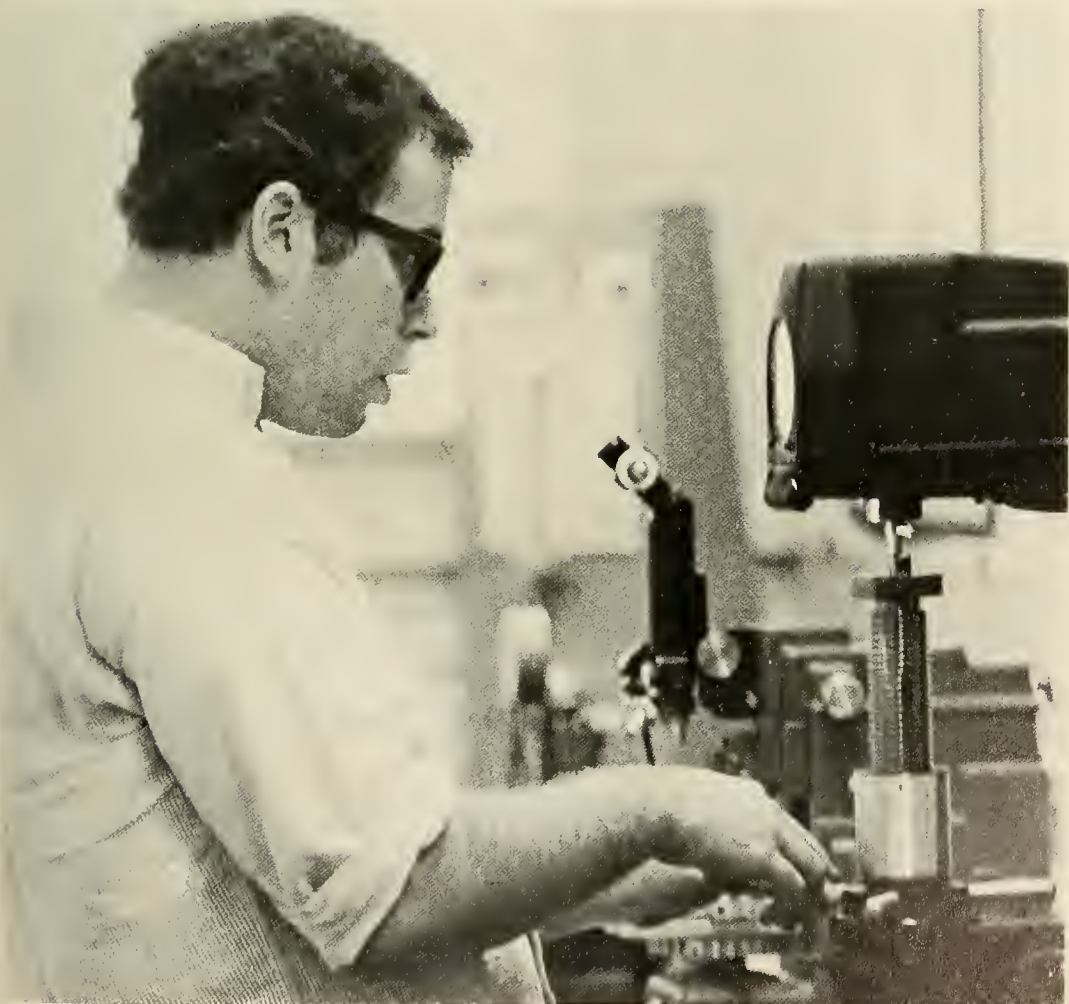
Todd Tuomi



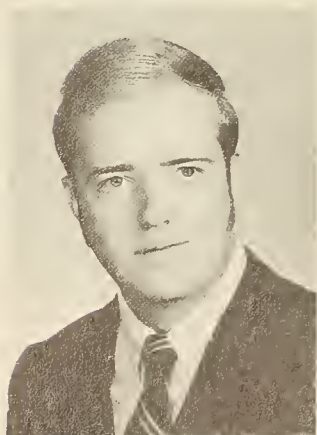
Bruce Tuttle



John Walkup



Phillip Wilsey



Bernard Wood



# PHYSICS



Arthur Aframe



Normand Bachand



Jeffrey Bernard



Donald Casperson



Joel Cehn



Douglas Ferry



Steven Leece



Robert Lowell



Lawrence Minkoff



Dennis Murphy





Peter Nott



Robert Orenberg



Joel O'Rourke



Ralph Rollo



Donald Rule



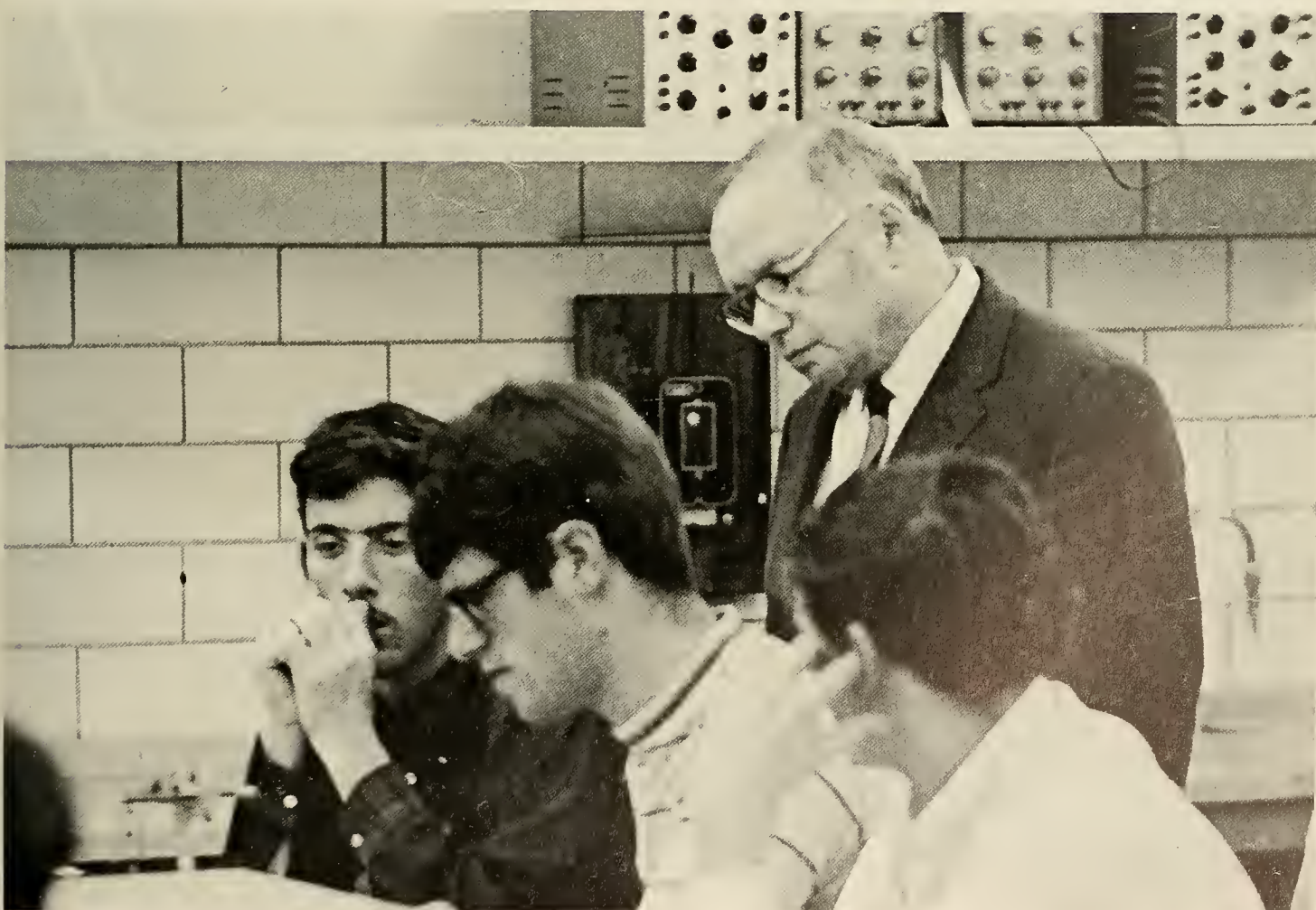
John Rush



Robert Spicuzza



Earl Spinks







*"The Road goes over on and on  
Out from the door where it began.  
Now far ahead the Road has gone,  
Let others follow it who can!  
Let them a journey new begin,  
But I at last with weary feet  
Will turn towards the lighted inn,  
My evening-rest and sleep to meet."*

In retrospect the long road of four years has gone by quickly . . . too quickly. We now look back in wonder, half expecting to turn 'to salt, to view where we have been. We wonder if we are better individuals. Have we learned to live or to make a living? In four years, have we found our possibilities, our limitations, our desires? Can we satisfy our needs? . . . More important,





the needs of others. Has the fraternal sphere taught us to bare our souls, to bring down the protective wall that surrounds us, or does that take nocturnal escapades? If we have learned how to give without asking or expecting anything in return, if we can give from our heart without any personal motive, then we have become men. We have become unique in a society of "everyone for himself". Let us believe that the hole we give through is the hole we receive through. For some that hole is very large. For others not as large; yet, for far too many, it is sat upon.

Now we, as Seniors, leave the sheltering walls of the Institute to build a new life. To prepare for the future, for we realize that we will spend the rest of our lives there. We all go our own way. But, do we all go with the understanding of why? . . . With a purpose and

reason. For without understanding we are lost in our own ignorance, the mist that rose from the earth.

Did the Institute give us this understanding? Did it prepare us to find this understanding or did it teach us that the derivative of a constant is zero or that error UV-2 is an undefined array name. The Institute has sinned against us! Or has it? Can we forgive the Institute of its sins? But wait! That is the wrong question. We must ask if the Institute can forgive us of our sins . . . the sin of neglect, the sin of not caring, the sin of "I've paid my money, work for me.", the sin of selfishness. No one has screwed us, but ourselves. No one has made us insufficient to handle the social problems of our time, but ourselves. No one has made us retire to our academic cubicals to contemplate the myriad mysteries of the computer, but ourselves.

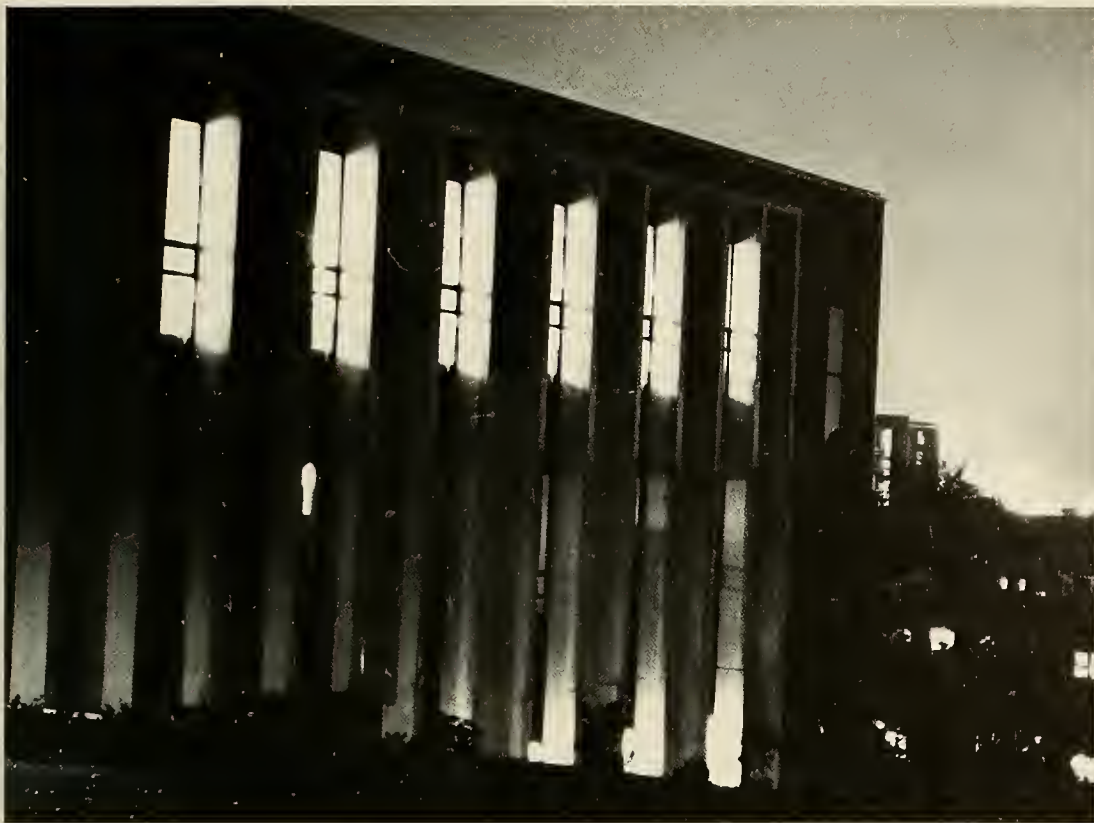




Where do we as engineers go from here? Do we step into our accepted places in society to commute from the suburbs 'til we are old and gray? Or, do we live in action for there is no reality except in action. "Life is action and passion; therefore, it is required of man that he should share the passion and action of his time, at peril of being judged not to have lived." Be not judged, not to have lived. Accept your life as a challenge to give and share with all, from your best friend to your worst enemy. If you succeed, God is with you. If you fail, may God be with you.







*"Still round the corner there may wait  
A new road or a secret gate;  
And though I oft have passed them by,  
A day will come at last when I  
Shall take the hidden paths that run  
West of the Moon, East of the Sun."*



# SENIOR DIRECTORY

BRIAN THOMAS ABRAHAM  
Worcester, Massachusetts  
Phi Kappa Theta  
Golf; Newman Club; R.O.T.C., 1st Lt.

ARTHUR MICHAEL AFRAME  
Worcester, Massachusetts.

DENNIS GENE AGIN  
Maynard, Massachusetts  
Tau Kappa Epsilon  
Track, "W"; Mgr.; Semi Simple; Newman Club; Glee Club; Alpha Phi Omega.

JAMES ALBERT ALFORD, JR.  
Watertown, Massachusetts  
A.S.M.E.

RICHARD DEAN ALPERT  
Needham, Massachusetts  
Phi Sigma Kappa  
Track; Semi Simple; FM Radio.

WARREN LLOYD ANDERSON  
Auburn, Massachusetts  
Rifle Club.

STEPHEN ROBERT ANDRUCHOW  
West Warwick, Rhode Island  
Baseball, "W"; Football; A.S.C.E.

FRANCIS PAUL ARCHAMBEAULT  
Oxford, Massachusetts  
Track, "W".

JAMES PETER ATKINSON  
Rocky Hill, Connecticut  
ΑΨΩ, WHO'S WHO  
Class Treas.; A.S.C.E.; Tech Senate;  
Band; Masque.

RICHARD LEONARD AUDE  
Indian Orchard, Massachusetts  
Phi Kappa Theta  
Tech News; Newman Club.

VESA ILMARI AUNIO  
Fitchburg, Massachusetts  
A.S.M.E.

GERALD STUART AXELROD  
New Haven, Connecticut  
Alpha Epsilon Pi  
ΠΔΕ, SKULL  
Tech Senate; Tech News, Features  
Editor; Rowing Club.

NORMAND LAURENT BACHAND  
Worcester, Massachusetts  
IME,  
Shield.

ANTHONY JOSEPH BAGLINI  
North Providence, Rhode Island  
Lambda Chi Alpha  
Boyntonians.

RAYMOND ROBERT BAKER  
North Grafton, Massachusetts  
A.S.M.E.; Rifle Club.

ROBERT CHARLES BALCER  
Naugatuck, Connecticut  
ΠΤΣ  
Tennis, "W"; Pi Tau Sigma, Vice-Pres.;  
I.E.E.E.; A.S.M.E., Pres.; Newman  
Club.

CARL EDWARD BALLARD  
Penn Yan, New York  
Bridge Club.

ROBERT ANTHONY BALOUSKUS  
Ansonia, Connecticut  
Sigma Alpha Epsilon  
A.I.Ch.E.

GEORGE MICHAEL BANKS  
Mystic, Connecticut  
Golf; Shield; Band; Bridge Club,  
Treas.; Cosmopolitan Club, Sec.

FELIX JOHN BARLIK  
South Attleboro, Massachusetts  
Theta Chi  
A.S.M.E.; I.F.C.; Glee Club; Rifle  
Club.

ROBERT STANLEY BARNARD  
Springfield, Massachusetts.

GREGORY EARL BARNHART  
Washington, D.C.  
Lambda Chi Alpha  
Tennis, "W"; I.F.C.; Prot. Chris. Fel'  
ship; Debating Club.

ARNOLD A. BARR  
Lansdown, Pennsylvania.

DAVID JAMES BARRETT  
Worcester, Massachusetts  
Wrestling; A.S.M.E.; Shield.

RAYMOND HAROLD BARROWS  
Chicopee Falls, Massachusetts  
Sigma Phi Epsilon  
Basketball; Football, "W"; Lacrosse,  
"W"; Rowing Club.

FRANCIS PAUL BARTON  
Westboro, Massachusetts.

JAMES FRANCIS BAXENDALE  
Whitinsville, Massachusetts.

ANTHONY BERGANTINO, JR.  
Waltham, Massachusetts  
CHS, SCABBARD AND BLADE  
C.H.S., Pres.; A.I.Ch.E.; Newman  
Club; Rowing Club; R.O.T.C., Maj.

JEFFREY CHARLES BERNARD  
Newington, Connecticut  
Track, "W"; A.I.P.; Masque; Rifle  
Club.

KENNETH BERTRAND BERUBE  
Haverhill, Massachusetts  
Phi Kappa Theta  
Baseball; Basketball; Golf; Newman  
Club.

CHESTER DWIGHT BLACKMAN, JR.  
Worcester, Massachusetts  
Track; Shield.

WILLIAM JOHN BOYAN  
West Paterson, New Jersey  
Theta Chi  
ΠΔΕ  
A.I.Ch.E.; Peddler, Ad. Mgr.;  
R.O.T.C., Capt.

CAMERON PEARSALL BOYD  
Haverhill, Massachusetts  
Wrestling; Shield, Pres.

JAMES MICHAEL BOYD  
West Barrington, Rhode Island  
Tau Kappa Epsilon  
A.S.M.E.

JOHN ROBERT BOYD  
Acton Center, Massachusetts.

CRAIG FRANCIS BRADLEY  
Guilford, Connecticut  
Rifle Club.

ARTHUR EARL BROWN, JR.  
New Bedford, Massachusetts.

DOUGLAS EDMUND BROWN  
Spencer, Massachusetts  
ΠΤΣ.

EDWARD FRANCIS CANNON, JR.  
Braintree, Massachusetts  
Basketball, "W"; Soccer, "W"; Class  
Vice Pres.; Varsity Club.

JOHN ANTHONY CAPRIO  
Portland, Maine  
A.I.Ch.E.; Skeptical Chyms.; Newman  
Club; R.O.T.C., Capt.

BRUCE LAWRENCE CARLSON  
Rocky Hill, Connecticut  
ΠΤΣ  
A.S.M.E.; Glee Club; Rowing Club,  
"W".

RICHARD CLIFFORD CARLSON  
North Easton, Massachusetts  
Baseball, "W", A.S.C.E.

GERARD EUGENE CARON  
Putnam, Connecticut  
Tennis, "W"; Semi Simple; Shield;  
Newman Club; Bridge Club.

KENNETH LEE CASE  
Simsbury, Connecticut.

DONALD ELLIS CASPERSON  
Weymouth, Massachusetts  
IME  
A.I.P., Pres.; Bridge Club.

WILLIAM EDWARD CATTERALL, JR.  
Summit, New Jersey  
A.S.M.E.; Prot. Chris. Fel'ship; Glee  
Club; Ski Club.

JOEL IAN CEHN  
Dover, New Hampshire  
Alpha Epsilon Pi  
Swimming; Masque.

BRIAN DAVID CHACE  
Marion, Massachusetts  
HKN, T BII, WHO'S WHO  
Cheerleader, "W"; Lens and Lights  
Club.

ALAN CHARLES CHAMBERLAIN  
Natick, Massachusetts  
Shield; Newman Club.

RAJ KANTILAL CHAUHAN  
Bombay, India.

RICHARD WALTER CHECK  
New Hartford, New York  
Shield; Tech Senate; A.S.C.E.

WILLIAM ALBERT CHUDZIK  
East Hartford, Connecticut  
Alpha Tau Omega  
Baseball, "W"; Cross Country;  
A.I.Ch.E.; Newman Club; Band.

RALPH NORMAN CLEMONS  
Falmouth, Maine  
Sigma Phi Epsilon  
Swimming; A.I.Ch.E.; Rifle Club.

MICHAEL JOSEPH COHEN  
West Hartford, Connecticut  
Semi Simple, Pres.

JOHN QUENTIN COLOGNESI  
Southbridge, Massachusetts  
Lambda Chi Alpha  
Ski Club; R.O.T.C.

JOHN EDMUND CONNELL, JR.  
North Haven, Connecticut  
Semi Simple; Shield; Newman Club.

THOMAS LEWIS CONNELLY  
Valley Stream, New York  
Tau Kappa Epsilon  
Lacrosse; Soccer, "W"; R.O.T.C., 1st  
Lt.; A.S.C.E.; Alpha Phi Omega,  
Treas.; Rifle Club.

STEPHEN DAVID COPE, JR.  
Palmer, Massachusetts  
Lambda Chi Alpha  
Football; Newman Club; Varsity Club.

FRANK HOWARD CORBIERE  
New Haven, Connecticut  
Theta Chi  
Wrestling, "W"; Cheerleader; Rowing  
Club; Varsity Club.

CHRISTOPHER JOHN COWLES  
Forestville, Connecticut  
Alpha Tau Omega  
Soccer; Track; Masque.

ANTHONY JAMES CRISPINO  
Waterbury, Connecticut  
Tau Kappa Epsilon  
I.F.C.; Fencing Club, Co-Capt.



ALAN RICHARD CUNNINGHAM  
Worcester, Massachusetts  
Skeptical Chyms., Vice-Pres.; Alpha  
Phi Omega; Rifle Club; R.O.T.C.,  
Capt.

JOHN BOLESŁAW CZAJKOWSKI  
Middletown, Connecticut  
Delta Sigma Tau  
Fencing, "W"; Newman Club.

RODNEY ALLEN DAHLSTROM  
Worcester, Massachusetts  
Tau Kappa Epsilon  
A.I.Ch.E.; Prot. Chris. Fel'ship; Band;  
Glee Club.

ROGER JAMES DASHNER  
Elmira, New York  
A.S.M.E.; Shield; Newman Club;  
R.O.T.C., 1st Lt.

GEORGE DAVAGIAN, JR.  
Worcester, Massachusetts  
Sigma Phi Epsilon  
R.O.T.C., Capt.; A.S.C.E.; I.F.C.

GEORGE GODFREY DAVENPORT III  
Mendon, Massachusetts  
Tau Kappa Epsilon  
I.E.E.E.

LAWRENCE ELWOOD DAY  
Annapolis, Maryland  
Cross Country; Swimming; Shield;  
Radio Club.

RICHARD WARREN DELAND  
Bridgeport, Connecticut.

MICHAEL JOHN DEMOGA  
Boylston, Massachusetts.

ROGER EDWARD DENNISON  
Waterford, Connecticut  
Tech Review.

KENNETH EDWARD DEVILLEROY  
Clifton, New Jersey  
Peddler; Nautical Club.

STEVEN PARKER DEXTER  
South Grafton, Massachusetts  
Theta Chi  
Newman Club.

ROBERT A. DIDOMENICO  
Worcester, Massachusetts.

ANDREW GEORGE DILEO  
Shrewsbury, Massachusetts  
Phi Sigma Kappa  
Arts Society.

CHARLES THOMAS DOE  
Hallowell, Maine  
Tau Kappa Epsilon  
Tennis; Semi Simple; Newman Club;  
Chess Club.

WILLIAM GEORGE DONGES  
Emerson, New Jersey  
Phi Sigma Kappa  
A.S.C.E.

JOSEPH EDWARD DORAN, JR.  
North Attleboro, Massachusetts  
Sigma Pi  
S.A.M.; FM Radio Club.

ROBERT MACKENZIE DOWNIE  
Warwick, Rhode Island  
Sigma Phi Epsilon  
Cross Country, "W", Co-Capt.; Track,  
"W", Co-Capt.

PAUL FRAYNE DRESSER  
San Francisco, California  
Phi Gamma Delta  
Wrestling; Nautical Club, Vice-Pres.

RONALD JOSEPH DROZDICK  
Scranton, Pennsylvania.

DAVID WESLEY EATON  
Swampscott, Massachusetts  
Semi Simple; Alpha Phi Omega;  
Camera Club.

GREGORY BAKER ENZ  
Attleboro, Massachusetts  
Sigma Phi Epsilon  
Soccer, "W", Mgr.; Tech News.

STEPHEN ALLAN ERIKSON  
Worcester, Massachusetts  
Delta Sigma Tau  
A.I.Ch.E.; Fraternity Sec.; Rowing  
Club.

RALPH JOHN ESCHBORN  
Rolling Hills Estates, California  
Alpha Tau Omega  
Wrestling, "W"; Varsity Club.

DONALD BOAK ESSON  
Rindge, New Hampshire.

ARTHUR HENRY EVANS, III  
Worcester, Massachusetts  
SCABBARD AND BLADE  
R.O.T.C., Capt.

DAVID BRENT FERRIS  
Worcester, Massachusetts  
Alpha Tau Omega  
Football; A.I.Ch.E.

DOUGLAS GAGER FERRY  
Rochester, New York  
Theta Chi  
Swimming, "W"; Peddler; Glee Club;  
Varsity Club.

JOSEPH EDWARD FITZGERALD, JR.  
Chester, New Jersey  
Phi Sigma Kappa.

JEROME BART FLYNN, JR.  
Bronx, New York  
Soccer; Wrestling; A.S.M.E.; S.A.E.

JAMES WILLIAM FOLEY  
Worcester, Massachusetts  
Football; Shield, Vice-Pres.; Rifle  
Club.

WARREN FRED FOLLETT  
Warwick, Rhode Island  
Sigma Alpha Epsilon  
Rifle Club.

LAWRENCE FRANCIS FOLLONI, JR.  
Bridgewater, Massachusetts  
Basketball; Golf, "W"; Skeptical  
Chyms.; Tech News; Newman Club.

CHARLES ELEZAR FORAND  
Sturbridge, Massachusetts  
Tau Kappa Epsilon  
I.E.E.E.; Newman Club.

DOMENIC JOSEPH FORCELLA, JR.  
Plainville, Connecticut  
Lambda Chi Alpha  
A.S.C.E.; Football; I.F.C.; Tech News;  
Fraternity, Vice-Pres.; Newman Club.

CHARLES EDWARD FORD, JR.  
Whitman, Massachusetts  
Theta Chi.

THOMAS RUSSELL FOURNIER  
Southampton, Massachusetts  
Rifle Club.

ALFRED GEORGE FREEBERG  
East Haven, Connecticut  
Sigma Phi Epsilon  
SKULL, WHO'S WHO  
Football, "W", Co-Capt.; Lacrosse,  
"W", Capt; Varsity Club.

MARK ALAN FREYERMUTH  
Plymouth, Massachusetts  
Theta Chi  
Wrestling; A.S.M.E.; Peddler; Newman  
Club; Glee Club; Alpha Phi Omega.

RICHARD CHARLES FURMAN  
Worcester, Massachusetts  
Alpha Epsilon Pi  
A.I.Ch.E.

LEWIS EUGENE GAMBLE  
Waltham, Massachusetts  
Sigma Alpha Epsilon  
Swimming; Wrestling; A.I.Ch.E.; Rifle  
Club; R.O.T.C., 1st Lt.

MICHAEL GAN  
Springfield, Massachusetts  
A.S.M.E.; Lens and Lights; Radio  
Club.

MARK WILLIAM GARAWAY  
Nanuet, New York  
Alpha Epsilon Pi  
Rifle Club.

JOHN CORRINGTON GAVITT  
Croton on Hudson, New York.

DOUGLAS J. GEORGE  
Needham, Massachusetts  
Sigma Phi Epsilon  
Wrestling.

MARK STANLEY GERBER  
St. Paul, Minnesota  
Sigma Alpha Epsilon  
IIME, WHO'S WHO  
Baseball; Basketball, "W", Mgr.; Pi Mu  
Epsilon, Treas.; A.I.P.; Peddler; Alpha  
Phi Omega; Masque; Ski Club.

NEIL MELVIN GLICKSTEIN  
Syracuse, New York  
Alpha Epsilon Pi  
CHS  
A.I.Ch.E.; A.C.S.; Skeptical Chyms.;  
Student Activities Board, Pres.; Alpha  
Phi Omega.

STANLEY JOSEPH GOLDMAN  
Dorchester, Massachusetts  
Alpha Epsilon Pi.

JOHN STEVEN GRANT  
Worcester, Massachusetts  
Phi Kappa Theta  
Cross Country; Wrestling; A.S.C.E.;  
Newman Club.

BRUCE McNEILL GREEN  
Westboro, Massachusetts  
Alpha Tau Omega  
SCABBARD AND BLADE  
Cross Country; Football; Hockey,  
"W"; Tennis, "W"; Varsity Club;  
R.O.T.C., Maj.

JOEL PAUL GREENE  
Northboro, Massachusetts  
Theta Chi  
IIDE, WHO'S WHO  
Tennis; Pi Delta Epsilon, Sec.;  
Skeptical Chyms.; Fraternity Treas.;  
Tech News, Editor-in-Chief; Ski Club,  
Vice-Pres.

EDWARD LEWIS GRIFFITH, JR.  
Cherry Valley, Massachusetts  
Lambda Chi Alpha  
SKULL, WHO'S WHO  
Baseball, "W", Co-Capt.; Basketball,  
"W", Co-Capt.; Class Vice-Pres.;  
A.S.C.E.; Varsity Club.

PETER THOMAS GROSCH  
West Hartford, Connecticut  
Phi Gamma Delta  
SKULL, WHO'S WHO  
Lacrosse, "W"; Wrestling, "W", Co-  
Capt.; Class Pres.; A.S.M.E.; Varsity  
Club, Vice-Pres.; R.O.T.C., Lt. Col.

RICHARD MICHAEL GROSS  
Wilbraham, Massachusetts  
Phi Gamma Delta  
CHS  
A.I.Ch.E.; Basketball.



THOMAS CLARK GURNEY

Quincy, Massachusetts  
Sigma Phi Epsilon  
SKULL, SCABBARD AND BLADE,  
WHO'S WHO  
Basketball, "W", Co-Capt.; Athletic  
Council, Treas.; R.O.T.C., Lt. Col.;  
A.S.C.E.; Tech Senate; I.F.C., Pres.;  
Peddler; Varsity Club, Pres.

RICHARD HARRY GURSKE

East Bristol, Connecticut  
Phi Sigma Kappa  
Football, "W"; Athletic Council;  
A.S.C.E.; I.F.C.; Varsity Club.

THOMAS MICHAEL GWAZDAUSKAS

Hartford, Connecticut  
Tau Kappa Epsilon  
A.I.Ch.E.; Band; Boyntonians; Glee  
Club.

WILLIAM ERWIN HALLOCK

Sparrow Bush, New York  
Lambda Chi Alpha  
XE  
Football, "W"; Class Hist.; Chi Epsi-  
lon, Vice-Pres.; A.S.C.E.; Rowing  
Club; Varsity Club.

STEPHEN WILLIAM HAMMOND

Maplewood, New Jersey  
Theta Chi  
A.S.C.E., Pres.; Ski Club.

CHARLES DAVIS HARDY

Quincy, Massachusetts  
Tau Kappa Epsilon  
Skeptical Chyms.

GLENN EVERETT HARKNESS

Delmar, New York  
XE  
A.S.C.E.

MICHAEL MERRILL HART

Pittsfield, Massachusetts  
Phi Kappa Theta  
Tech News; Newman Club; Chess  
Club.

LESLIE TYRONE HATCH

Ashland, Massachusetts  
A.S.C.E.

JAMES WALTER HAURY

North Haven, Connecticut  
Tau Kappa Epsilon  
A.S.M.E.

PAUL FRANCIS HAYNER, JR.

Lexington, Massachusetts  
Soccer, "W".

DAVID GEORGE HEALEY

Holyoke, Massachusetts  
Phi Gamma Delta  
Swimming, "W", Co-Capt.; A.S.C.E.,  
Vice-Pres.

JAMES THOMAS HEINRICH

Richlands, Virginia  
Alpha Tau Omega  
A.I.Ch.E.; Newman Club.

PETER SAMUEL HEINS

West Newton, Massachusetts  
Lens and Light Club; Masque; Radio  
Club.

ANDREW JUSTIN HEMAN

Orlando, Florida  
Alpha Tau Omega  
CHS  
Lacrosse, Mgr.; A.I.Ch.E.; Fraternity  
Sec.; Alpha Phi Omega; R.O.T.C., 1st  
Lt.

HAROLD FIELD HEMOND

Mystic, Connecticut  
HKN, TBP, IIME  
Swimming; I.E.E.E., Pres.; Bridge  
Club; Cosmopolitan Club; Lens and  
Light; Radio Club, Vice-Pres.

JAMES BERTRAM HILLS

Holden, Massachusetts  
Phi Sigma Kappa  
A.S.M.E.

JOHN MATTHEWS HISCOCK

Rosedale, New York  
Phi Sigma Kappa  
Soccer; Athletic Council; A.S.C.E.

DONALD BRITTON HOLDEN

Doylestown, Ohio  
Theta Chi  
Baseball; Basketball; A.I.Ch.E.;  
A.S.M.E.; Alpha Phi Omega.

GREGORY T. HOPKINS

Worcester, Massachusetts  
Alpha Tau Omega.

STEVEN ALAN HUNTER

Worcester, Massachusetts.

EDWARD RICHARD HYDE III

Wilton, Connecticut  
Soccer.

JEFFERY ALAN HYNDY

Glen Rock, New Jersey  
Tau Kappa Epsilon  
Baseball, "W", Mgr.; Soccer; Fraternity Pres.

DAVID E. JERVIS

Bridgeport, Connecticut  
Tau Kappa Epsilon  
Swimming; I.E.E.E.; Radio Club; Rifle  
Club.

DAVID HALL JOHNSON

Manchester, Connecticut  
Alpha Tau Omega  
AΨΩ, SCABBARD AND BLADE  
Tennis; Fraternity, Pres.; Alpha Phi  
Omega; Masque, Sec.

DONALD GUY JOHNSON

Worcester, Massachusetts  
XE  
A.S.C.E.

JERRY LEE JOHNSON

Theta Chi  
Soccer; Peddler; Ski Club; R.O.T.C.,  
Capt.

RICHARD ELIOT JOHNSTON

West Newton, Massachusetts.

RONALD LEE JONES

West Hartford, Connecticut  
Sigma Phi Epsilon  
Football, Asst. Mgr.; Lacrosse; Track;  
Tech News; Nautical Club, Pres.

CHARLES ALAN KALAUSKAS

Glen Head, New York  
Alpha Tau Omega  
R.O.T.C., Capt.; A.S.C.E.; Tech Sen-  
ate; I.F.C.; Fraternity, Vice-Pres.;  
Newman Club; Band, Pres.; Glee Club.

ARTHUR THOMAS KATSAROS

Massapequa Park, New York  
Sigma Phi Epsilon  
SKULL, IITΣ, WHO'S WHO  
Basketball; Baseball, "W", Co-Capt.;  
Football, "W", Mgr.; A.I.Ch.E.; Fra-  
ternity Sec.; Fraternity Rush Chair-  
man; Tech News, News Editor; Var-  
sity Club.

LAWRENCE KATZMAN

West Hartford, Connecticut  
Alpha Epsilon Pi  
SKULL  
Cheerleader; Tech Senate; I.F.C.

PHILIP MICHAEL KAZEMERSKY

Ansonia, Connecticut  
Sigma Alpha Epsilon WHO'S WHO  
TBII, IIAE, IIME, Vice Pres.  
Baseball, Asst. Mgr.; Wrestling, Mana-  
ger New England Tournament; A.I.P.;  
Tech News; Glee Club, Bus. Mgr.;  
Masque; Tau Beta Pi, Vice-Pres.

GARY NORMAN KEELER

Bedford, New Hampshire  
Semi Simple.

PATRICK WILLIAM KELLY

Gardner, Massachusetts  
Phi Kappa Theta  
Football; Lacrosse; Track; Wrestling;  
A.I.Ch.E.; Newman Club.

DAVID EARL KILPATRICK

Cranston, Rhode Island  
Phi Sigma Kappa  
A.I.Ch.E.; Fraternity Pres.; Arts Soci-  
ety; Rifle Club.

JEFFREY CLARK KNAPP

Amesbury, Massachusetts  
Theta Chi  
Class, Vice-Pres.; R.O.T.C., Maj.; Fra-  
ternity, Vice-Pres.; Camera Club; Ski  
Club, Pres.

ADAM STANLEY KOCHANEK

Chicopee Falls, Massachusetts  
Sigma Phi Epsilon  
Lacrosse; Glee Club.

ROBERT GEORGE KOHM

Windsor, Connecticut  
Tau Kappa Epsilon  
Soccer; A.I.Ch.E.

WILLIAM KENNETH KOPKA

Southington, Connecticut  
Phi Kappa Theta  
IIAE  
Basketball; Golf, "W"; Tech News,  
Bus. Mgr; Newman Club.

JOHN JOSEPH KORZICK

North Haven, Connecticut  
Football, "W"; Lacrosse, "W";  
Wrestling.

MITCHELL PAUL KOZIEL

Hartford, Connecticut.

CURTIS STUART KRUGER

Levittown, New York  
Sigma Phi Epsilon  
IITΣ  
Basketball; Football, "W".

EDWIN DAVID KUENZLER

Glen Rock, New Jersey  
A.I.Ch.E.; Shield; Bridge Club; Chess  
Club; Alpha Phi Omega.

DAVID ARNOLD KUNIHOLM, JR.

Orange, Massachusetts  
Sigma Phi Epsilon  
Soccer, "W"; Tech Senate; Ski Club,  
Co-Capt.; Varsity Club.

ROBERT PETER KUSY

Worcester, Massachusetts  
Alpha Tau Omega  
R.O.T.C., 1st Lt.

ALLAN HENRY LAHIKAINEN

Gardner, Massachusetts.

WALTER EMERY LANG III

Worcester, Massachusetts  
Fencing; Newman Club; Alpha Phi  
Omega; Camera Club; Nautical Club;  
Rifle Club.

JOSEPH ANTHONY LANGONE

Millbury, Massachusetts  
Theta Chi.

JONATHAN WILLIAM LEAVITT

Manchester, New Hampshire  
Football; A.S.M.E.; Newman Club;  
Alpha Phi Omega.

STEVEN HEWITTE LEECE

Hamilton Dome, Wyoming  
Delta Sigma Tau  
AΨΩ, WHO'S WHO  
A.I.P.; Debating Club; Masque; I.F.C.;  
Alpha Phi Omega.



STEPHEN HOWARD LEGOMSKY  
Miami, Florida  
Alpha Epsilon Pi  
Fencing; Tennis; Semi Simple; Fraternity Pres.; Debating Club; Radio Club, Bus. Mgr.

ANTHONY FRANCIS LEKETA  
Worcester, Massachusetts  
SCABBARD AND BLADE  
A.I.Ch.E.; R.O.T.C., Capt.

MARK HENRY LEPAIN  
Sturbridge, Massachusetts  
S.A.M., Sec.-Treas.

GARY LEONARD LEVENTHAL  
Woodmere, New York  
Alpha Epsilon Pi.

MARSHALL W. LEVY  
Whitestone, New York  
Alpha Epsilon Pi  
A.I.Ch.E.; Alpha Phi Omega; Masque.

RONALD COREY LEWIS  
East Hartford, Connecticut  
Lambda Chi Alpha  
XE  
Cheerleader; A.S.C.E., Sec.; Tech News; Rowing Club.

DAVID LIEBERMAN  
Naugatuck, Connecticut  
Alpha Epsilon Pi  
Cheerleader, "W"; S.A.M.; R.O.T.C., 1st Lt.; Rifle Club.

DANIEL ANTHONY LIPCAN  
North Haven, Connecticut  
Sigma Pi  
SCABBARD AND BLADE  
Cheerleader; R.O.T.C., Maj.; S.A.M., Pres.; I.F.C.; Fraternity, Pres.; Newman Club; Rifle Club.

JAMES RANDALL LITTLEFIELD  
Sargentville, Maine

HYMAN SAUL LOFCHIE  
Brookline, Massachusetts  
Alpha Epsilon Pi.

DUNCAN ROYCE LOOMIS  
Westerly, Rhode Island  
Track, "W"; Shield; Bridge Club.

DANIEL PETER LORUSSO  
Worcester, Massachusetts  
Radio Club; Rifle Club.

ROBERT ALAN LOWELL  
Lynn, Massachusetts  
Lambda Chi Alpha  
Track; Tech News; Rowing Club.

CRAIG LEO MADING  
Short Hills, New Jersey  
Track, "W".

ROBERT JOHN MAGARIAN  
Worcester, Massachusetts  
Phi Kappa Theta  
Baseball; Basketball, "W"; Golf; A.I.Ch.E.; Newman Club; Varsity Club, Treas.

ALEXANDER RICHARD MALCOLM  
Warwick, Rhode Island  
Sigma Alpha Epsilon  
ΠΔΕ  
Pi Delta Epsilon, Vice-Pres.; A.C.S.; Skeptical Chyms., Pres.; Tech Senate; Tech News, Feature Ed.; Peddler; Masque; Rifle Club.

CHRISTOPHER JOHN MASKLEE  
Totowa Boro, New Jersey  
Tau Kappa Epsilon  
Track; A.S.C.E.; Glee Club; Alpha Phi Omega; Rifle Club.

STEVEN JAMES MATHIS  
Rancocas, New Jersey.

NICHOLAS CONSTANTINE MAZANITIS  
Worcester, Massachusetts  
Soccer; Tennis; A.S.C.E.; Rifle Club.

THOMAS FRANCIS XAVIER McAULIFFE  
Clinton, Massachusetts  
Phi Kappa Theta  
CHS  
Basketball; A.I.Ch.E.; Newman Club.

GEORGE THOMAS McCANDLESS, JR.  
New Britain, Connecticut  
Lambda Chi Alpha  
Tennis; Cheerleader, "W"; Semi Simple; Tech News, Ad. Mgr.; Peddler; Glee Club; Masque.

DONALD E. McCARTHY  
Holyoke, Massachusetts  
XE  
R.O.T.C., 1st Lt.; A.S.C.E.; Peddler; Masque.

RICHARD HAROLD McCUE, JR.  
Wethersfield, Connecticut  
Alpha Tau Omega  
Baseball; Soccer, "W"; A.I.Ch.E.; Fraternity, Treas.; Alpha Phi Omega; Masque; Varsity Club.

HENRY EDWARD McGUIRE, JR.  
Cumberland, Rhode Island  
Phi Sigma Kappa  
A.S.C.E.; Glee Club; Arts Society.

KENYON EDMONDE McGUIRE  
Demarest, New Jersey  
Lens and Lights.

GORDON JAMES MEARS  
Springfield, Massachusetts  
Glee Club; Lens and Lights; Radio Club.

WILLIAM ORTONE MESSER, JR.  
Waterbury, Connecticut  
Theta Chi  
A.I.Ch.E.; Newman Club.

EDWARD ALFRED MIERZEJEWSKI  
Willingboro, New Jersey  
XE  
Chi Epsilon, Pres.; R.O.T.C., 1st Lt.; A.S.C.E.; Prot. Chris. Fellowship; Bridge Club; Chess Club.

ROGER WILLIAM MILES  
New Bedford, Massachusetts  
Phi Gamma Delta  
SKULL, ΠΔΕ, WHO'S WHO  
Track, "W"; Class Sec.; R.O.T.C., Lt. Col.; I.F.C.; Fraternity, Pres.; Tech News, Copy Ed.; Alpha Phi Omega, Vice-Pres.; Varsity Club.

GORDON RICHARD MILLER  
Rockville, Connecticut  
Skeptical Chyms.; Alpha Phi Omega.

JAMES PAUL MILLS  
Worcester, Massachusetts  
ΠΤΣ  
Basketball.

LAWRENCE ALAN MINKOFF  
Great Neck, New York  
Alpha Epsilon Pi  
ΣΣ  
Tech Senate; Fraternity Treas.

WALTER JOSEPH MISKA  
Portsmouth, Rhode Island  
Delta Sigma Tau  
Newman Club.

SHELDON ALLEN MITTLEMAN  
Providence, Rhode Island  
Alpha Epsilon Pi  
Football; Band; Bridge Club.

DOUGLAS HOWARD MORASH  
Waltham, Massachusetts  
Phi Gamma Delta  
ΠΤΣ  
Cross Country, "W", Mgr.; Track, "W"; A.S.M.E.; I.F.C.

DAVID BRIAN MORRIS  
Upton, Massachusetts  
Lambda Chi Alpha  
A.I.Ch.E.; Newman Club.

RONALD EDWARD MORRIS  
Oxford, Massachusetts.

DENNIS JOHN MURPHY  
Springfield, Massachusetts  
A.I.P., Vice-Pres.; Bridge Club.

EUGENE LAWRENCE MURPHY  
Milton, Massachusetts  
Newman Club.

JAMES BRUCE MYERS  
Herkimer, New York  
Shield.

STEPHEN FRANK NAGY  
Weston, Connecticut  
Lambda Chi Alpha.

ROBERT ELIOS NAJEMY, JR.  
Worcester, Massachusetts  
A.I.Ch.E.

MATTHEW THOMAS NECLERIO  
Orange, Connecticut  
Sigma Alpha Epsilon  
I.E.E.E.; Tech News; Peddler; Newman Club; Masque; Rifle Club.

DOUGLAS ALBERT NELSON  
Milford, Connecticut  
Phi Gamma Delta  
ΠΔΕ, WHO'S WHO  
A.S.M.E.; Peddler, Sr. Ed.; Glee Club; Alpha Phi Omega, Pres.

KRIS LLOYD NELSON  
North Attleboro, Massachusetts  
Sigma Phi Epsilon  
Golf; Lacrosse; A.S.M.E.; I.F.C.; Tech News; Rowing Club.

ERIC HAMPTON NICKERSON  
Old Greenwich, Connecticut  
Phi Gamma Delta  
Lacrosse; A.S.M.E.; Peddler.

MICHAEL WILLIAM NOGA  
Coventry, Rhode Island  
Phi Gamma Delta  
SKULL, ΠΔΕ, WHO'S WHO  
Hockey, Asst. Mgr.; Track, "W"; Peddler, Editor-in-Chief; Class Historian; Newman Club; Alpha Phi Omega.

PAUL VITAS NORKEVICIUS  
Worcester, Massachusetts  
CHS, SCABBARD AND BLADE  
A.I.Ch.E.; Newman Club; R.O.T.C., Maj.

PETER ERNEST NOTT  
Marlboro, Massachusetts  
Band.

ARNOLD STEVEN NOVICK  
West Hartford, Connecticut  
A.S.C.E.

MICHAEL T. NOWAK  
Springfield, Massachusetts  
Skeptical Chyms.

PAUL N. NYSTROM  
Worcester, Massachusetts  
Baseball.

CLIFFORD MICHAEL OBERTUCK  
North Braintree, Massachusetts  
Tau Kappa Epsilon  
Baseball; Glee Club; Ski Club; R.O.T.C., 1st Lt.



ROBERT ALLEN ORENBERG  
Cranston, Rhode Island  
Delta Sigma Tau  
A.I.P.

JOEL FRANCIS O'ROUKE  
Shrewsbury, Massachusetts  
Phi Sigma Kappa  
A.I.P.

RICHARD HENRY PALM  
Old Saybrook, Connecticut  
Phi Gamma Delta  
IIDE  
S.A.E.; Rifle Club.

JOHN THOMAS PAOLILLO  
East Haven, Connecticut  
Phi Sigma Kappa  
Newman Club.

THOMAS C. PASIERB  
Chicopee Falls, Massachusetts  
Alpha Tau Omega  
Tech News.

RALPH CRAIG PASTORE  
Claremont, New Hampshire  
Tau Kappa Epsilon  
I.E.E.E.

ALVIN BRUNO PAULY  
Stamford, Connecticut  
Alpha Tau Omega  
A.I.Ch.E.; Masque; Rifle Club; Rowing Club.

JOHN CHESTER PAYNE  
Astoria, New York  
Phi Kappa Theta  
Swimming, "W"; A.S.C.E.; Tech News; Newman Club; Rowing Club.

KERRY RICHARD PAYNE  
Wallingford, Connecticut  
Phi Gamma Delta  
Glee Club.

ANDREW THOMAS PERRAULT  
Warehouse Point, Connecticut  
ITTΣ  
Newman Club; Glee Club; Alpha Phi Omega; FM Radio Club.

ALFRED FRANCIS PERRONE, JR.  
Paxton, Massachusetts  
Lambda Chi Alpha  
Tech News.

STEPHEN ROBERT PHILLIPS  
Natick, Massachusetts  
Alpha Epsilon Pi  
Golf; Masque.

DAVID JOSEPH PIETRASZEWSKI  
New Britain, Connecticut  
HKN  
I.E.E.E., Treas.; Shield; Newman Club; Glee Club; Radio Club, Pres.

STEPHEN EDWARD PLATZ  
Manchester, Connecticut  
Soccer; Semi Simple; Glee Club; Ski Club.

JOHN FRANCIS POBLOCKI  
Webster, Massachusetts  
Phi Kappa Theta  
Football, "W"; A.S.C.E.; Fraternity Vice-Pres.; Tech News; Newman Club.

GREGORY EDWARD POLLACK  
Wyandanch, New York  
Alpha Epsilon Pi  
Football; Track; I.E.E.E.

DANIEL CHESTER POND  
Bristol, Connecticut  
HKN, IIME  
Eta Kappa Nu, Sec.; I.E.E.E., Sec.; Shield; Band; Glee Club; Masque; Radio Club, Treas.

DAVID BIRNEY PRATT  
Plymouth, Connecticut  
Band.

STEPHEN WALTER PRESS  
Waterbury, Connecticut  
CHS  
Skeptical Chyms.

SCOTT W. RAMSAY  
Portland, Maine  
Sigma Phi Epsilon.

ALAN DAVID RANDALL  
South Easton, Massachusetts  
Delta Sigma Tau  
XE  
Golf; A.S.C.E.

DONALD FREDRICK RAPP  
Martinsburg, West Virginia  
Sigma Phi Epsilon  
SCABBARD AND BLADE  
Football, "W"; Track, "W"; A.I.Ch.E.; Tech News; Varsity Club; R.O.T.C., Capt.

ROBERT BRIAN REIDY  
Danbury, Connecticut  
Phi Kappa Theta  
IIDE  
Golf, "W", Capt.; S.A.M.; Fraternity Pres.; Tech News, Mgt. Ed.; Newman Club.

JAMES LAWRENCE RICHEY, JR.  
Wayland, Massachusetts  
Cross Country.

GERALD MAXWELL ROBBINS  
Worcester, Massachusetts  
Football; A.S.C.E.; Band; Glee Club.

RONALD GERALD ROBERTS  
Millbury, Massachusetts  
Phi Kappa Theta  
Football, "W"; Lacrosse, "W"; Tech News; Newman Club.

RICHARD ELLIS ROBEY, JR.  
Hicksville, New York  
Alpha Tau Omega  
HKN  
Wrestling, "W"; Newman Club; Band; Masque, Vice-Pres.; Nautical Club.

CHARLES FRANCIS ROBINSON, JR.  
Franklin, Massachusetts  
Theta Chi  
Lacrosse; A.I.Ch.E.; Boyntonians.

DONALD EDWARD ROBINSON  
Shrewsbury, Massachusetts  
Sigma Pi  
A.S.M.E.

ROBERT PAUL ROCCO  
Pawtucket, Rhode Island  
CHS  
Football; Tennis; Skeptical Chyms.

JAMES LESTER ROCHE  
Marlboro, Massachusetts  
Band.

JAMES THOMAS RODIER  
Oxford, Massachusetts.

STEPHEN OTTO ROGERS  
Fitchburg, Massachusetts  
Sigma Phi Epsilon  
Lacrosse; Swimming, "W"; A.S.M.E.; Tech News; Rowing Club; Varsity Club.

RALPH WALTER ROLLO  
Shrewsbury, Massachusetts  
Lacrosse; A.I.P.; Ski Club.

RICHARD PAUL ROMEO  
Lenox, Massachusetts  
Phi Kappa Theta  
HKN, TBII, SKULL  
Wrestling, "W", Mgr.; Tech News; Newman Club.

ROBERT JOHN ROSE  
Sudbury, Massachusetts  
Tau Kappa Epsilon  
Golf; A.I.Ch.E.; Newman Club; Bridge Club.

JAMES VINCENT ROSSI  
Worcester, Massachusetts  
Phi Sigma Kappa.

KENT FRANCIS ROTHAMMER  
Manchester, Connecticut  
Rifle Club.

RENE JOSEPH ROY  
Whitinsville, Massachusetts.

DONALD WILSON RULE  
Shrewsbury, Massachusetts  
A.I.P.; Band; Boyntonians.

JOHN JOSEPH RUSH  
Coventry, Rhode Island  
A.I.P.

WALTER SACKMANN  
Bristol, Connecticut  
Tau Kappa Epsilon  
Soccer; A.S.M.E.

RICHARD JAMES SCAIA  
Torrington, Connecticut  
Alpha Tau Omega  
Football; A.S.M.E.; Newman Club; Band; Masque.

MICHAEL JOSEPH SCELZO  
Woburn, Massachusetts  
Lambda Chi Alpha  
A.I.Ch.E.; Band.

ROBERT JOHN SCOTT  
Wethersfield, Connecticut  
XE  
A.S.C.E.; Tech News; Newman Club.

STEPHEN EDWIN SELINGER  
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Phi Sigma Kappa  
Arts Society; Rifle Club.

JEFFERY H. SEMMEL  
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Delta Sigma Tau.

THOMAS SEMPREBON  
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Sigma Phi Epsilon  
Soccer, Mgr.; A.I.Ch.E.; Tech News; Ski Club.

JOSEPH ALBERT SENEAL  
Marlboro, Mass.  
Theta Chi  
IIDE, TBII, CHS, SCABBARD AND BLADE, WHO'S WHO  
Football, "W"; A.I.Ch.E.; Peddler; Newman Club; R.O.T.C., Col.

ALBERT SHAHNARIAN  
Jefferson, Massachusetts  
I.E.E.E.

RICHARD ALAN SHAPIRO  
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Band; Glee Club.

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HKN  
Shield; Bridge Club; Cosmopolitan Club; Masque; Rowing Club.

LAWRENCE EDWARD SHEA  
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Wrestling; A.S.C.E.; Shield; Newman Club.

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Wrestling; A.I.Ch.E.; Nautical Club.



BARRY NORMAN SHIFFRIN  
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I.E.E.E.; Band; Glee Club; Masque;  
Radio Club, Sec.

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ΠΔΕ  
Tech News, Editor-in-Chief; Boyntonians.

JOHN STEPHEN SIMPSON  
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A.S.M.E.

MARK SHEDRIC SIMPSON  
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Phi Kappa Theta  
CHS, TBI, WHO'S WHO  
Football, "W", Co-Capt.; Lacrosse,  
"W"; A.I.Ch.E.; I.F.C.; Tech News,  
Sports Ed.

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ΠΤΣ.

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Club.

GARY ALAN SMITH  
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Sigma Phi Epsilon  
Baseball, "W"; Basketball.

RICHARD STANLEY SMITH  
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ROBERT WENDELL SMITH  
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ΠΤΣ  
Track, "W".

STEPHEN WALTER SPAKOWSKY  
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A.I.Ch.E.; Peddler; Alpha Phi Omega.

ROBERT ALBERT SPICUZZA  
Warwick, Rhode Island  
Semi Simple; Newman Club; Bridge  
Club; Chess Club.

EARL MERRIT SPINKS  
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Phi Gamma Delta  
Nautical Club.

FREDERICK GRANT SPRETER  
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Hockey; A.S.M.E., Vice-Pres.; Peddler;  
Band; Rowing Club.

RAYMOND BRUCE STANLEY  
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Sigma Alpha Epsilon  
I.E.E.E.

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Skeptical Chyms.; Shield; Newman  
Club.

ZENON RONALD STELMAK  
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SKULL, WHO'S WHO  
I.E.E.E.; Tech Senate, Pres.; Tech  
News; Newman Club; Rowing Club.

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"W", Capt.

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Golf; Peddler; Newman Club; Glee  
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TBI, ΠΔΕ, ΠΤΣ  
Lacrosse; Tennis; A.S.M.E.; Peddler,  
Sr. Ed.; Pi Delta Epsilon, Pres.; Pi Tau  
Sigma, Pres.

WILLIAM DOUGLAS TRAVIS  
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Tech News; Newman Club.

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Newman Club; Bridge Club; Cosmo-  
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Club; Alpha Phi Omega.

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# Civil Engineering

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# Electrical Engineering

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# English

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# History and Modern Languages

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# Management Engineering

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RALPH DANIEL NELSON, Professor. B.S., Univ. of Rhode Island 1935; M.S., R.P.I. 1936. Mathematics Assn. of Amer.; A.S.E.E.; A.A.U.P.

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RAMON CARLFRED SCOTT, Assistant Prof. B.A., Amer. International College 1953; M.A., Univ. of Massachusetts 1954. Amer. Math Soc.; Sigma Xi; Pi Mu Epsilon; Phi Kappa Phi.

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FREDRICK ARTHUR ANDERSON, Professor. B.S., W.P.I. 1942; M.S., W.P.I. 1953. N.E. Dist. Council of A.S.T.M.; A.S.M.E.; A.S.E.E.

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ROGER RICHMOND BORDEN, Associate Prof. B.S., M.I.T. 1952, and B.S. (G.E.) 1953; M.S., W.P.I. 1961. A.S.M.E.; Amer. Coc. of Tool and Mfg. Eng.; A.S.E.E.; S.A.E.; Sigma Xi.

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# Military Science

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ARTHUR F. CONLON, Captain, Assistant Prof. B.S., U.S. Military Academy, West Point 1963.

ANTHONY DI CAPRIO, Major, Assistant Prof. B.A., Virginia Military Institute 1963.

ROBERT ARTHUR DORF, Captain, Assistant Prof. B.S. Rutgers University 1963.

MICHAEL F. EASTWOOD, Captain . Assistant Prof. B.A., Univ. of New Hampshire 1965.

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MALCOLM L. LEAVITT, SFC, Instructor.

BERNARD McTERNAN, Captain. Assistant Prof. B.A., Northeastern University 1962.

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JOSEPH E. PALLAT, SGM, Instructor.

GEORGE J. SCHAGEL, MSG, Instructor.

JAMES A. RAMDEN, SFC, Administrative Supervisor and Instructor.



# Physical Education

ROBERT WILLARD PRITCHARD, Professor, and Head of Department. A.B., Susquehanna 1936; M.Ed., Pennsylvania State Univ. 1940. Assistant Coach, Berwick, Pa., High School, 1936-37; Susquehanna Univ., 1937-41; Instructor in Physical Education, W.P.I., 1941-42; Athletic Director and Football Coach, Kingston, Pa, High School, 1945-47; Assistant Prof. of Physical Education, W.P.I., 1947-52; Associate Prof., 1952-56; Professor, 1956-.

ROBERT A. DEVLIN, Assistant Prof. B.S., Holy Cross College 1946.

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JOHN ANGELO VINO, Instructor. B.S., Univ. of Bridgeport 1965. Kappa Beta Rho; Phi Epsilon Kappa.



# SCORES Spring '68 Fall Winter '68 -'69

## FOOTBALL

14	Bowdoin	10
25	Middlebury	20
30	Bates	20
0	Wesleyan	29
36	Coast Guard	20
23	R.P.I.	21
12	Norwich	35

## SOCCKER

5	Univ. of Hartford	0
4	Holy Cross	0
1	Tufts Univ.	2
1	M.I.T.	0
3	Lowell Tech	1
0	Clark	3
3	Assumption	0
0	Coast Guard	0
0	Univ. of Mass.	1
0	Boston Univ.	1
2	Univ. N.H.	1
0	A.I.C.	1

## CROSS COUNTRY

31	Clark	54
31	Assumption	41
76	M.I.T.	21
76	R.P.I.	38
26	Wesleyan	32
15	Bates	50
36	Tufts	45
22	Boston State	45
26	Bentley	29
17	Lowell	44
54	Brandeis	45
54	St. Anslems	52
54	Barrington	57
15	Nichols	48
67	Coast Guard	15
67	Williams	60
26	Amherst	47
49	Trinity	48







## BASKETBALL

76	Boston Univ.	104
104	Suffolk	84
77	Trinity	84
84	Assumption	92
67	Brandeis	85
54	Northeastern	75
77	C.W. Post	66
58	DePauw	70
91	Clark	99
62	Lowell Tech	59
65	Wesleyan	78
58	Bates	79
55	Colby	73
66	Williams	72
70	Tufts	78
68	Springfield	92
74	M.I.T.	62
74	Amherst	98
77	Clark	71
85	Coast Guard	73
84	A.I.C.	78

## WRESTLING

22	Brandeis	21
3	M.I.T.	42
37	Williams	10
35	Tufts	14
43	Holy Cross	8
12	Coast Guard	27
41	Hartford	6
48	Dartmouth	3
11	Univ. of Mass.	30
35	Univ. of N.H.	18

## HOCKEY

2	M.I.T.	8
3	Assumption	4
2	Nichols	5
4	Worcester State	7
3	Nasson	8
4	M.I.T.	1
2	Quinnipiac	0
2	Holy Cross	7
4	Wesleyan	1
3	M.I.T.	11
8	Nichols	10
1	Assumption	5
4	Nichols	3
1	Worcester State	4
3	Holy Cross	6





#### CREW

won	lost
W.P.I.	Stony Brook
W.P.I.	A.I.C.
W.P.I.	M.I.T. Grads, U.R.I.
W.P.I.	Holy Cross, Clark, Assumption
U. Mass.	W.P.I.
W.P.I.	Trinity Wesleyan Marist Amherst Clark Assumption A.I.C.

#### BASEBALL

2	M.I.T.	1
5	M.I.T.	4
2	Northeastern	4
8	Suffolk	1
2	Tufts	5
2	Coast Guard	1
6	Clark	1
6	Brandeis	4
2	Assumption	5
0	Trinity	3
5	Lowell Tech	0
4	A.I.C.	16

#### LACROSSE

5	Holy Cross	17
6	Babson	5
7	Trinity	14
2	M.I.T.	12
2	Univ. of Conn.	20
7	Brandeis	6
0	Bowdoin	9
3	Middlebury	13
8	Nichols	5
3	Univ. of Mass.	9
0	Tufts	4

#### SWIMMING

57	Holy Cross	38
38	Trinity	56
42	Tufts	53
58	Babson	36
37	Coast Guard	58
38	Univ. of Mass.	57
22	Univ. of Conn.	73
54	Lowell Tech	40

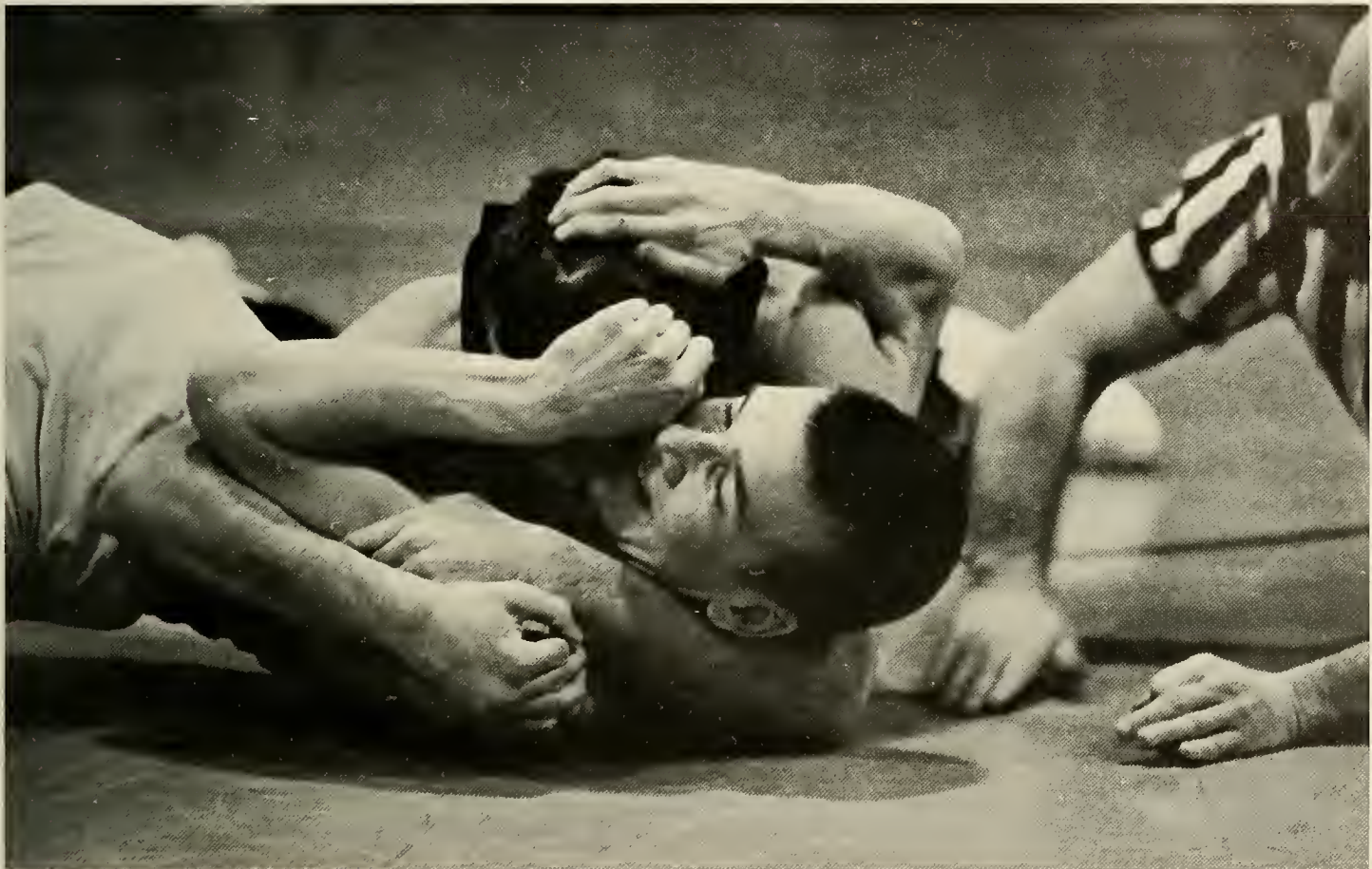


## FENCING

10	Brandeis	17	4
10	S.M.T.I.	17	1
12	Holy Cross	15	1
7	Norwich	20	1
15	M.I.T.	12	4
			9
			9

## TENNIS

Assumption	5
Holy Cross	8
Univ. of Mass.	8
Coast Guard	8
Clark	5
A.I.C.	0
Lowell Tech	0



## TRACK

72	Middlebury	67	5
48	Coast Guard	106	4
50	Southern Conn. St.	104	6
64	Colby	82	2
64	Norwich	38	5½
88	Nichols	52	1
84	Bowdoin	51	5
84	Brandeis		6½
84	Nichols	15	3
71	Tufts	78	5
38	Amherst	78	6
38	R.P.I.	57	5½
73	Trinity	67	

## GOLF

Lowell	2
Trinity	3
A.I.C.	1
Providence	5
Nichols	1½
Holy Cross	6
Tufts	2
Clark	½
M.I.T.	4
Univ. of Mass.	2
Brandeis	1
Assumption	1½



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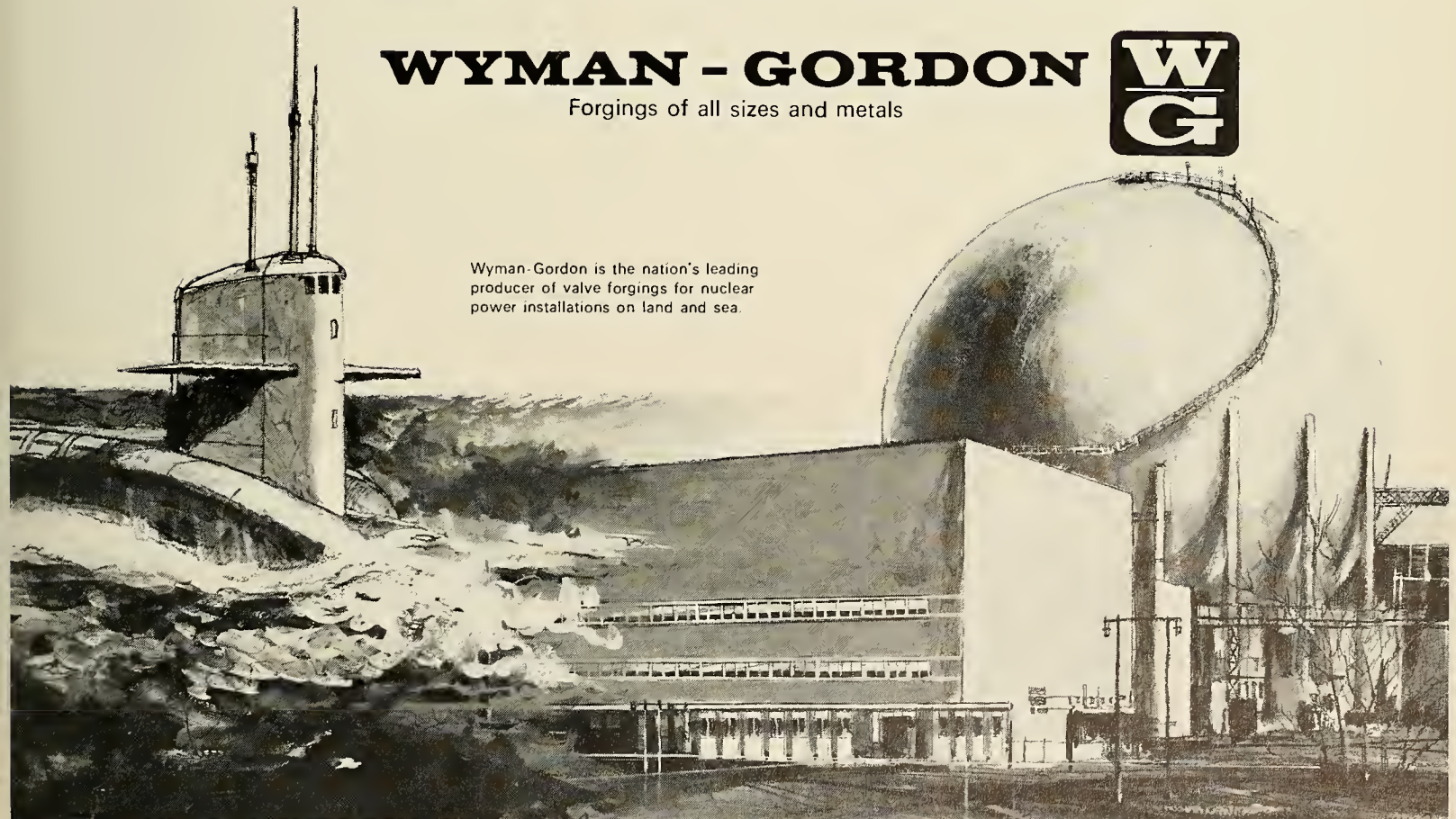
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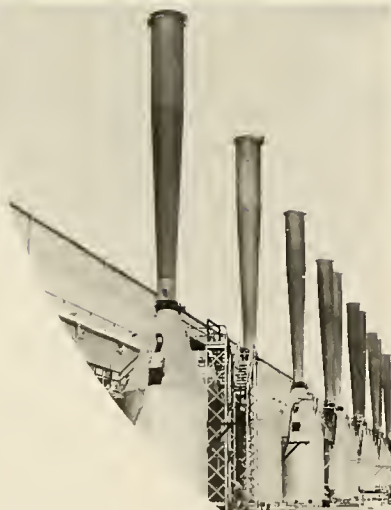
**MASSACHUSETTS**



Charles Hill Morgan designed the first successful continuous rolling mill to be built in the United States, thereby making a major contribution to this country's industrial base in the nineteenth century. In 1888 he founded the Morgan Construction Company to meet the needs of the growing steel industry for advanced high-production equipment. Ever since that year, Morgan of Worcester has been designing and building such equip-

ment, until today the company's activities are worldwide. One out of every three members of the company's work force is now in engineering, design, drafting, and allied fields. Licensing arrangements with Davy and United Engineering Company Limited of Sheffield, England, and Siemag Siegener Maschinenbau G. m. b. H. with offices in Dahlbruch and Dusseldorf, West Germany, expand our coverage to all centers of steel-making activity.

## MORGAN WORCESTER



**ROLLING MILLS** — Since the first Morgan Rolling Mill, the company has designed 259 Rolling Mills of various types, now operating in the United States and in 16 foreign countries. Besides complete rolling mills, Morgan has an impressive list of firsts in the steel handling equipment field, including the new Stelmor Process for controlled cooling, collection and division of rod products.

### MORGOIL BEARINGS —

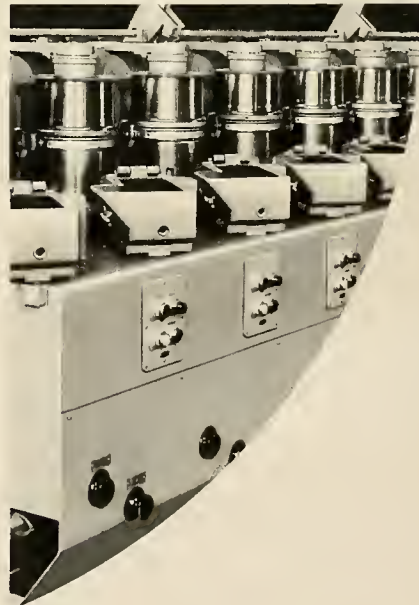
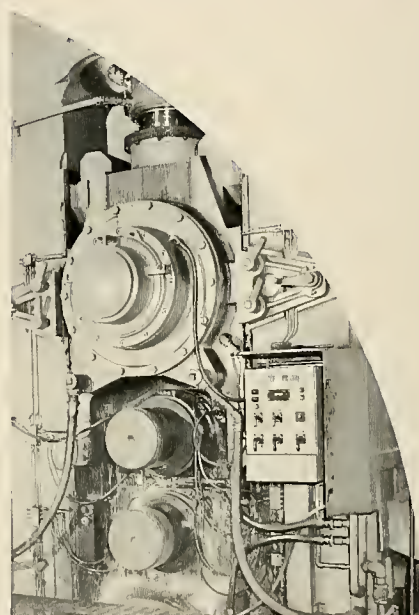
With the advent of the Morgoil Bearing in 1933, greater rolling pressures, higher speeds, and closer tolerances became possible. A precision bearing which rides on a film of oil, the Morgoil offers outstanding advantages of greater production, a better product, longer bearing life, and substantial savings in maintenance costs. Recent developments include hydrostatic lubrication, quick change design, new inboard seal, and advanced hydrodynamic lubrication.

### WIRE DRAWING MACHINES —

the first successful continuous wire drawing machine was built by Morgan in 1921. Improvements and new designs have constantly been made since then. Today, Morgan Accumulator, Morgan Mordraw, Morgan-Barcro and Morgan Fine Wet machines are drawing all grades of wire at high production rates. A recent addition is the Morgan Olympic High Speed Multi-Head Stranding Machine for stranding steel, copper and aluminum.

### COMBUSTION

**CONTROL** — Another Morgan product is the Morgan-Isley system of combustion control for furnaces in the steel, glassmaking, and allied industries. This system is a radical change from the natural draft system of supplying combustion air and exhausting waste gases, since the Morgan-Isley does the job mechanically. It may be regulated with extreme accuracy to maintain the high temperatures required in steel or glass furnaces.



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## ENGINEERS

Engineering ingenuity—a key to progress—has been a major factor in the growth of The Heald Machine Company.

Over the years product innovation has produced many Heald firsts. Among these are the first fully hydraulic internal grinder for production line use, first internal grinder with automatic sizing and first centerless internal grinder. These innovations gained rapid acceptance and are now basic standards of the machine tool industry.

More recently, research has established Heald as a leader in the isolation and control of vibration and resultant chatter. One notable result of this research is the damped quill which successfully eliminates chatter marks in surface finish of deep bores.

With industry's need for ultra high precision, Heald developed and introduced the first Numerically Controlled cantaur boring and turning machine capable of .000025" resolution.

The procedure of in-process single jet air gaging of internal grooves is still another innovation. This process reduces size variation to 1/2 that of other sizing methods.



In 1963 Heald Controlled Force Grinders were announced, representing the first major breakthrough in internal grinding in 30 years. The CF principle controls the force at which the wheel is fed into the work and has set new standards for quality, production, and uniformity.

Here at Heald, research continues in many areas such as fluid bearings, surface texture, numerically controlled machinery, and static as well as dynamic machine characteristics.

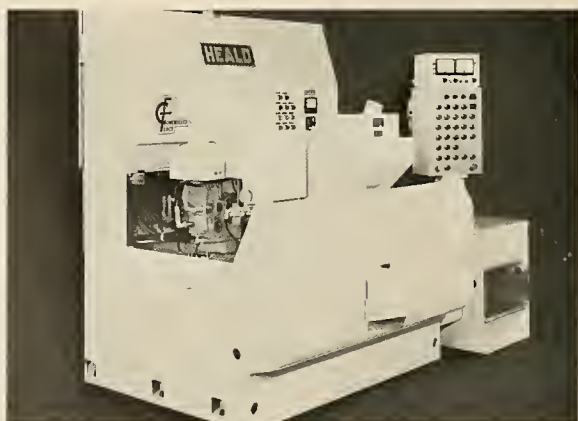
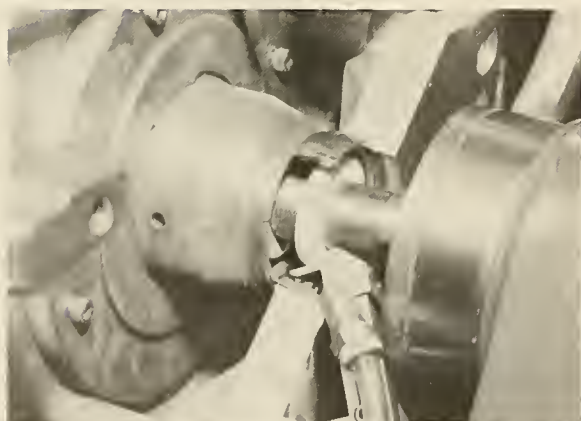
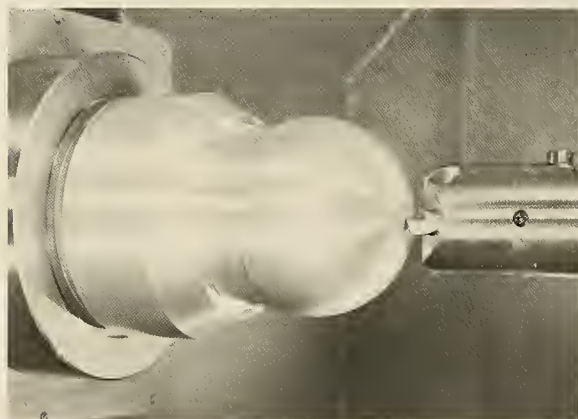
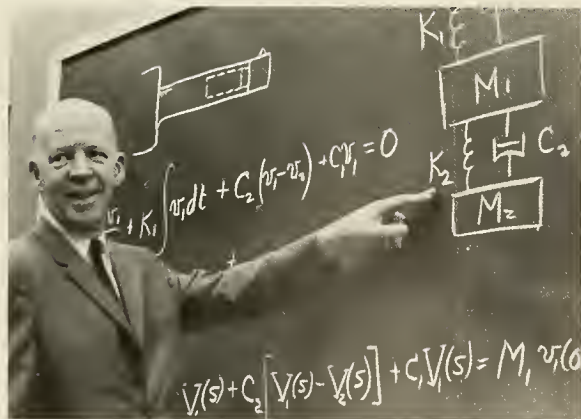
Thus, Engineering ingenuity, a key to progress, has done much to justify our well-known slogan—

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I would like to take the opportunity here to thank our advisor, Professor John P. van Alstyne and Mr. Roger Perry for their continuous help and encouragement. I would also like to extend my appreciation to all those who worked the many hours necessary to make this book what it is.

Mike Noga

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